



# The CHEMIST AND DRUGGIST

RETAILER - WHOLESALE - MANUFACTURER

1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

MARCH 30, 1946

Annual Subscription (with Diary) 25/-. Single copies 3d.



A TREE IS KNOWN BY THE FRUIT IT BEARS

So it is in every walk of life.

The test of an organisation is in what

it accomplishes. For over fifty years the

Lilly Policy has recognised in full the interests of the

whole pharmacist. Although Lilly Products are constantly

advertised to the medical profession, they are

never sold to doctors direct. They are sold

through the drug trade exclusively.

That is the Lilly Policy.

*Lilly*  
TRADE MARK

LILLY AND COMPANY LIMITED  
BASINGSTOKE, HANTS.

**LIQUINURE**  
HIGHLY CONCENTRATED, FULLY BALANCED  
THE ONLY  
**LIQUID MANURE**

SHOULDERLESS AND CLEAN

**LIQUINURE**  
HIGHLY CONCENTRATED  
FULLY BALANCED  
LIQUID MANURE

**FOR GENERAL USE**

• Mix LIQUINURE with tepid water at the correct rate and apply to the plants freely once or twice a fortnight during the growing, flowering and fruiting season.

• **FULL STRENGTH** (1 table or 4 teaspoonfuls per gallon) for trees, shrubs, strongly growing vegetables and for compost heaps.

• **MEDIUM** (2-3 teaspoonfuls per gallon) Use generally for herbaceous plants, annuals, vegetables, etc.

• **WEAK** (1 teaspoon per gallon) for slow-growing or newly planted subjects, pot plants and window boxes.

PHOSPHORIC ACID (31 soluble) 7%  
POTASH 3.5%  
NITROGEN 8%

Made by ULVIL, LTD., 37, Burnt Oak Broadway, Edgware, Middlesex.

**LIQUINURE**, the scientifically balanced concentrated liquid manure, is in great demand. A bottle of this perfectly balanced plant Food makes 6 gallons finest Liquid Manure. Three types: **General** and **Tomato Special** in 2/6 bottles, **Flower Special** in 3/- bottles (making 12 gallons). Get in touch with your Wholesaler and be prepared for the sales demand consequent upon big advertising.

Sole Manufacturers :

**LIQUINURE SALES, 27 Burnt Oak Broadway, EDGWARE, MIDDLESEX**

# Realism realised

The front page of any popular newspaper can teach us all a thing or two about display. The newspaper doesn't award equal display value to everything. It selects—gives real prominence only to the important items.

A very good customer of ours with a magnificent pharmacy in a main thoroughfare paying a high rental kept in a centre Simpson's Foot Ointment display (only 2½ feet wide) for 17 weeks and did such an amazing turnover that our Managing Director went to see him to find out how he did it. "I don't do anything specially" said the chemist except keep the display in. But I know of course, exactly what my window sells. You see I pay here 33/8 per foot of window frontage all-in per week and I keep a card index of the gross yield per foot of space each display brings. Simpson's Foot Ointment, with the terms you give, is the 2nd

most profitable line I have so naturally it is one of the most prominent items in my window."

That's realism. And realism pays in business. What's the alternative? You can crowd the window with everything and get a jumble—a confusing array of distracting products many of which pay only 18% to 30% and are not C.F.!

No, a jumble isn't an eye catcher. It doesn't make people stop. It doesn't bring people in. In short, it doesn't represent a realistic, scientific use of window space. Try a really bold display of Simpson's Foot Ointment. You'll be on a pretty good wicket. From a recent independent large scale market research, Simpson's Foot Ointment topped the list as the largest selling of *all* foot preparations. And, you get just over 40% on best bonus terms. Simpson's is C.F. anyway.

J. W. SIMPSON (CHEMIST) LTD., IODINE HOUSE, MUSEUM STREET, W.C.1.



# All EYES 'on the Screen!



Between January and October 1946, the new 'BiSoDoL' film "Looking on the Bright Side" being shown in over 600 Odeon and G-B cinemas throughout Gt. Britain. The film is "on the screen" for 2½ minutes of each complete programme—approx. ½ hour per week, per cinema—and will be seen by over 6 MILLION potential customers for 'BiSoDoL'!

May we ask you to make 'tie-up' displays of the product—particularly during and following the showings of the film in your local cinema? YOUR 'BiSoDoL' sales will benefit—if you let the eyes that see the film also see 'BiSoDoL' on display in your pharmacy. Here are a few of the cinemas booked:—

## W/c 1st April, 1946:

DERBY - Gaumont, Hipp. & Odeon  
GRIMSBY - Savy  
LANCASTER - Odeon  
MORECAMBE - Odeon & Tower  
NEWCASTLE-ON-TYNE - New Westgate,  
Odeon, Pav. & Queens Hall  
NORMANTON (Derby) - Cavendish  
PRESTON, Lancs. - New Victoria  
W/c 8th April, 1946:  
BARROW-IN-FURNESS - Roxy  
HARROGATE - Odeon & Scala  
HATFIELD - Regent  
LONDON—Ealing - Broadway Pall.,  
West Ealing - Watpole  
Edmonton - Odeon  
Palmer's Green - Regal  
Southgate - Palmadium  
Tottenham - Odeon  
Wood Green - Gaumont

## W/c 15th April, 1946:

CHELLENHAM - Gaumont  
CHESTER - Gaumont, Music Hall, Odeon  
DEAL - Odeon  
DORCHESTER - Palace  
DOVER - Odeon  
FOLKESTONE - Odeon  
LONDON—East Ham - Odeon & Premier  
Rickmansworth - Odeon  
Watford - Odeon (High St.)  
Odeon (St. Albans Rd.)  
PORT TALBOT - Majestic & Regent  
W/c 22nd April, 1946:  
COLWYN BAY - Odeon  
GLASGOW - New Savoy, Paramount &  
Picture House  
Annisland - Ascot  
Crosshill - New Cinemas  
Partick - Tivoli  
Scotsdown - Odeon

HALIFAX Electric, Odeon & Picture House  
LLANDUDNO - Odeon  
NORTHAMPTON - Exchange  
RHYL - Odeon

## W/c 29th April, 1946:

AIRDRIE - Pavilion  
BLACKFEN - Picture  
BRIERLEY HILL - Odeon  
BLACKPOOL - Odeon  
BURY ST. EDMUNDS - Odeon  
CAMBERLEY - Regal & Arca  
CLEVELEYS - Odeon  
FARNBOROUGH - Rex & Studio  
FROME - Gaumont  
GLASGOW—Dennistoun - Paramount  
Gorbals - Picture  
Ibrox - Cap  
Kings Park - Flor  
Rutherglen - Odeon  
Sherdinston - Odeon  
NEWTON ABBOT - Odeon

They should - after the  
show - be 'on' YOUR 'tie-up'  
display of  
**BiSoDoL**  
REGD.

Sole Distributors for 'BiSoDoL' Powder and Tablets ('Mints') . .

KOLYNOS (Sales) LTD., CHENIES STREET, LONDON, W.C.1



**EVANS**

# EVANS DERMAL POWDER



Evans Dermal Powder (E.D.P.), an ideal antiseptic dressing for minor wounds, should be in every home. It promotes rapid healing, reduces the risk of infection and is painless on application. E.D.P. can be recommended with confidence to sufferers from sore feet.

**Retail price per sprinkler tin:**

Standard size 2/- (inc. tax)      Hospital size 6/8 (inc. tax)

*Evans Dermal Powder is made in England by*

**EVANS MEDICAL SUPPLIES LTD**  
Liverpool and London

**FINE CHEMICALS • BIOLOGICALS • PHARMACEUTICALS**

*Constant demand*

**"ABECEDIN"**  
Vitamins A-B-C-D

**TABLETS**

|         |       |   |       |
|---------|-------|---|-------|
| Bottles | 21    | - | 3/6   |
| "       | 105   | - | 16/6  |
| "       | 500   | - | 75/-  |
| "       | 1,000 | - | 148/- |

**EMULSION**

|         |       |   |      |
|---------|-------|---|------|
| Bottles | 4 oz. | - | 5/-  |
| "       | 16 "  | - | 19/- |

FREE from Purchase Tax



*-prompt delivery*



3 & 4, CLEMENTS INN, LONDON, W.C.2

Telephone : HOLborn 1444

Telegrams : "NAPPCHEM, LONDON"

# INDEX TO ADVERTISERS

|  |             |
|--|-------------|
| Ac photographic Service                  | 24          |
| Ac Woodturning Co., Ltd.                 | vii         |
| Ad Co. (London), Ltd.                    | xxiv        |
| Ae Ped, Ltd.                             | 32          |
| Al G. C., & Co., Ltd.                    | Leader Page |
| All Fillers & Engineering Co., Ltd.      | vii         |
| An Warehouse Co., Ltd.                   | Leader Page |
| As Laboratories, Ltd.                    | 16          |
| As & Weeks, Ltd.                         | xviii       |
| As Ltd.                                  | 24          |
| At o & Co.                               | Leader Page |
| Be oney Co., Ltd.                        | xvi         |
| Be h, J. & J., Ltd.                      | 34          |
| Be ms Pills, Ltd.                        | 25          |
| Be Sons                                  | xvii        |
| Be ohn, Hills & Lucas, Ltd.              | Leader Page |
| Be s, Ltd.                               | 27          |
| Br Sawyer & Co., Ltd.                    | Cover iv    |
| Br Ltd.                                  | 26, xxiv    |
| Br Cod Liver Oils (Hull & Grimsby), Ltd. | 12          |
| Br Drug Houses, Ltd., The                | i           |
| Br Dyewood Co., Ltd.                     | iv          |
| Br Schering, Ltd.                        | 8           |
| Bro B., & Co.                            | xvii        |
| Bro R., & Co.                            | v           |
| Buc -Bowker Tablet Co., Ltd.             | xi          |
| Bur ch, James, Ltd.                      | Leader Page |
| Bur chs Wellcome & Co.                   | 35          |
| Bush each & Gent, Ltd.                   | iv          |
| Cam ll Laboratories, Ltd.                | xvi         |
| Car Press, Ltd.                          | xiv         |
| Car Chemicals (Welwyn), Ltd.             | 18 & 19     |
| Car , & Sons, Ltd.                       | viii        |
| Cher l & Natural Products, Ltd.          | 20          |
| Chr T., & Co., Ltd.                      | 30          |

|   |             |
|---|-------------|
| Clements, M. (Chemists' Sundries), Ltd.   | xxiv        |
| Clinical Products, Ltd.                   | xxiii       |
| Coates & Cooper, Ltd.                     | x           |
| Continental Laboratories, Ltd.            | xx          |
| Cox, Arthur H., & Co., Ltd.               | 8           |
| Creme Simon (Distributors), Ltd.          | 24          |
| Daniel, Richard, & Son, Ltd.              | 13          |
| Demuth, R., & Co., Ltd.                   | 30          |
| Distillers Co., Ltd.                      | Leader Page |
| Dobson & Steiner, Ltd.                    | 28          |
| Drugs of India (Farmer), Ltd.             | xiv         |
| Emsa Works & Herbert Foot Appliance, Ltd. | ix          |
| Eueryl, Ltd.                              | 28          |
| Evans, Adlard & Co., Ltd.                 | vi          |
| Evans Medical Supplies, Ltd.              | 3           |
| Favell, T. J., & Co., Ltd.                | xxiv        |
| Field & Co. (Aromatics), Ltd.             | xxii        |
| Finegan, J., & Son                        | xvi         |
| Franco-British Electrical Co., Ltd.       | xi          |
| Freudentheil, Smith & Co.                 | Leader Page |
| Fubex, Ltd.                               | xiii        |
| Gardner, W., & Sons (Glos), Ltd.          | vi          |
| Genatosan, Ltd.                           | 27          |
| Gerrard Walters & Co., Ltd.               | xv          |
| Graesser, R., Ltd.                        | ii          |
| Graesser Salicylates, Ltd.                | v           |
| Griffiths Hughes, E., Ltd.                | xx          |
| Guest, Thos., & Co., Ltd.                 | 10          |
| H.S. Bottle Co.                           | xxiv        |
| Haefam, Ltd.                              | 12          |
| Haller Laboratories, Ltd.                 | xii         |
| Hampshire, F. W., & Co., Ltd.             | 31          |
| Harman Dietetic Laboratories, Ltd.        | xxiv        |
| Harrington's                              | xxiv        |
| Harvey & Co. (Dublin), Ltd.               | xvii        |
| Harwoods Laboratories, Ltd.               | 5           |
| Hildenbrand & Co.                         | 24          |
| Hirst, Stuart, Ltd.                       | Leader Page |

(continued overleaf)

The successful  
much publicised  
preparation

**SEROCALCIN**  
FOR THE PREVENTION & TREATMENT OF  
**COLDS**

The demand for  
Serocalcin is  
enormous — supplies  
are still limited

P.T.A.

H. WOODS LABORATORIES LTD., WATFORD, HERTS. WATFORD 4457



## INDEX—(contd.)

|  |             |  |        |
|--|-------------|--|--------|
| International Chemical Co., Ltd.         | 29          | Perihel, Ltd.                            |        |
| International Foot Appliances, Ltd.      | ix          | Pharmaceutical Laboratories, Geigy, Ltd. |        |
| International Laboratories, Ltd.         | xxii        | Pierson Morrell & Co., Ltd.              |        |
| Izal                                     | xii         | Porosan Co., Ltd.                        |        |
| Jeffreys, Miller & Co., Ltd.             | 22          | Porteus, Geo., & Sons (Leeds), Ltd.      |        |
| Jeyes Laboratories, Ltd.                 | xii         | Potter & Clarke, Ltd.                    |        |
| Johnson Agencies (Proprietaries), Ltd.   | xviii       | Price, A. S., Ltd.                       |        |
| King, G., & Co.                          | xvi         | Promedico Products, Ltd.                 |        |
| Klenfex Laboratories, Ltd.               | xxiv        | Proprietary Articles Trade Association   |        |
| Khan, S.                                 | 22          | Rae-Bentley Lighters                     |        |
| Knox, John, Ltd.                         | 34          | Rankin Bros. & Sons                      | Leader |
| Koko Maricopas Co., Ltd.                 | 26          | Reliance Rubber Co., Ltd.                |        |
| Kolynos (Sales), Ltd.                    | 2           | Rendell, W. J., Ltd.                     |        |
| Koray, Ltd.                              | xxi         | Reuter, R. J., Co., Ltd.                 |        |
| Leda Chemicals, Ltd.                     | xviii       | Roche Products, Ltd.                     |        |
| Lemke, B. L., & Co.                      | xiv         | Ronaldson, J., & Co., Ltd.               |        |
| Lilly, Eli, & Co., Ltd.                  | Front Cover | Rooney, Robert A., & Sons                |        |
| Liquinure Sales                          | Cover ii    | Roura & Forgas, Ltd.                     |        |
| Liverpool School of Pharmacy             | Leader Page | Saville Perfumery Ltd.                   |        |
| Lloyd, Orient                            | xxiv        | Savory & Moore, Ltd.                     |        |
| Lofthouse & Saltmer, Ltd.                | 22          | Scholl Manufacturing Co., Ltd.           |        |
| Lucogen Co., Ltd.                        | xxiv        | Scott, A. & R., Ltd.                     |        |
| Luminos, Ltd.                            | xvii        | Sessions, W., Ltd.                       |        |
| Macdonald, J.                            | ix          | Shadforth Prescription Service           |        |
| Macleans, Ltd.                           | 9           | Simpson, J. W. (Chemist), Ltd.           |        |
| Marshall's Proprietaries, Ltd.           | 34          | Smith, T. & H., Ltd.                     |        |
| Matthews, S., & Co., Ltd.                | 10          | Societe Anonyme des Drogueries d'Egypte  | 14 &   |
| Maw, S., Son & Sons, Ltd.                | 11          | Splendor, Ltd.                           |        |
| Merz & Co., Ltd.                         | x           | Sturge, John & E., Ltd.                  |        |
| Midgley & Parkinson, Ltd.                | 12          | Suter, A. F., & Co., Ltd.                |        |
| Moore Medicinal Products, Ltd.           | 22          | Thackray, C. F., Ltd.                    |        |
| Napp, H. R., Ltd.                        | 4           | Waide, Thos., & Sons, Ltd.               |        |
| Nutlis Products                          | xvii        | Wander, A., Ltd.                         |        |
| Organon Laboratories, Ltd.               | xix         | Watford Chemical Co., Ltd.               |        |
| Oriental Pharmaceutical Industries, Ltd. | xiv         | Westminster Laboratories, Ltd.           |        |
| Oxo, Ltd.                                | 36          | Whiffen & Sons, Ltd.                     |        |
| Paragon Razor Co., Ltd.                  | vi          | Whitakers (Kendal), Ltd.                 |        |
| Percenta, Ltd.                           | xix         | White, J. F., & Co., Ltd.                |        |
|  |             | Zeal, G. H., Ltd.                        |        |

# DUPRIN

BRAND

## GLYCERYL MONOSTEARATE

**R**ECENT manufacturing developments and new factory facilities enable us to offer, for prompt delivery, high grade Duprin Brand Glyceryl Monostearate.

*Samples, prices and technical details on request.*



### WATFORD Chemical Co. Ltd.

30 Baker Street

London - W.1

Telephone: WELbeck 6870-78-79

Telegrams: Watchempro, Wesdo.

a  
woman's  
DUTY...

"On duty" at home, at all times there is always a Rendells Product of intimate importance to every woman. In Nurse Drew's "Hygiene for Women," will be found helpful solutions to many feminine problems and full information about Rendells Products.

For over 50 years the name Rendell has symbolised a standard of excellence well recognised and approved by the Medical Profession. Ask your chemist for a copy of the booklet.

NURSE DREW, VICTORIA HOUSE,  
SOUTHAMPTON ROW, LONDON, W.G.2

APPROVED  
BY DOCTORS

**RENDELLS**  
FOR F

**ADVERTISING  
WHICH NEVER  
STOPS**

Rendells Products rank among Britain's greatest proprietary lines. War-time restrictions alone limit the upward trend of their sales.

Consistent, dignified advertising at all times has achieved this proud result. Ample window and counter display material is still available for all Pharmacists.

*Rendells*  
**PRODUCTS**  
FOR FEMININE HYGIENE

PATA

RENDELL LTD HARDWICK HOUSE 161-5 ROSEBERY AVENUE LONDON E.C.1



*In the service of Pharmacy*

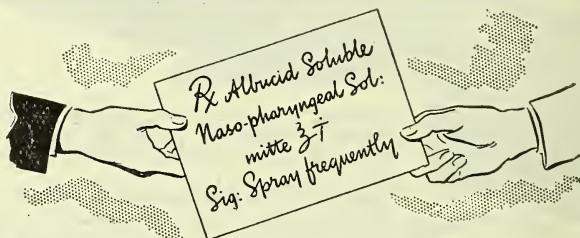
*since 1839*

**ARTHUR H. COX & CO. LTD.**

*Manufacturing Chemists*

**BRIGHTON**

**PILLS • TABLETS  
PACKED SPECIALITIES**



**'Another British Schering Prescription'**

BRITISH SCHERING PRODUCTS are—with isolated exceptions—in full supply. The demand is steady and will increase as our returning representatives resume their activities. You will receive many such prescriptions as the above during the coming months. . . .

Our stocks are adequate—are yours?

British Schering Price List will be sent on receipt of 1d. stamp (paper restrictions).

**British Schering Products**

BRITISH SCHERING LIMITED

185-190 High Holborn, London, W.C.1







# Sells like clockwork

Always on the "go"—  
 wintertime, summertime,  
 at the time—that's  
 Macleans Solid Dentifrice.  
 With its striking pack and  
 no stop publicity it hands  
 you a steady profit with  
 a minimum of effort.  
 This is one of those  
 popular products you auto-  
 matically stock and sell.



**RETAIL PRICE:**

**7½d. per tin**

**P.A.T.A.**



MACLEANS LTD., GREAT WEST ROAD, BRENTFORD, MIDDX. Phone: Ealing 6616. Wires: Macleans, Brentford

# 'SURE SHIELD'



## Products

Due to shortage of supplies, combined with the curtailment of our staff, we wish to assure our many trade friends that we are using every effort to maintain an equitable distribution of our Products.

### Please Note

- 1st. All Orders are forwarded in strict rotation, and we are now 15 weeks behindhand in delivery.
- 2nd. Due to the position, all additions can only be treated as separate orders.
- 3rd. When writing with reference to an order on hand, please give *exact date* when sent on.

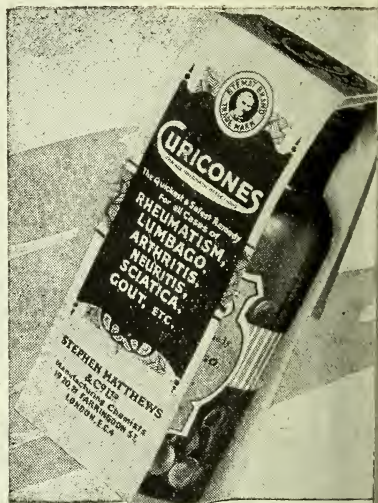
### "SURE SHIELD"

Registered Trade Mark

IODISED THROAT TABLETS  
FRUIT LAXATIVES  
GLYCERINE OF THYMOL  
PASTILLES

PASTILLES LOZENGES  
TABLETS

**Thos. Guest & Co. Ltd.** *Manufacturing Chemists*  
Carruthers Street, Manchester, 4



## CUSTOMERS *WANT* THE LARGE 24' SIZE *You can order it!*

We are pleased to draw attention to the fact that

5/- and 24/- Bottles of

## CURICONES

are always available through all leading wholesalers

We draw special attention to this because in recent weeks, many instances have come to light of intending purchasers being informed that these sizes are unobtainable

ORDER THROUGH YOUR USUAL WHOLESALE

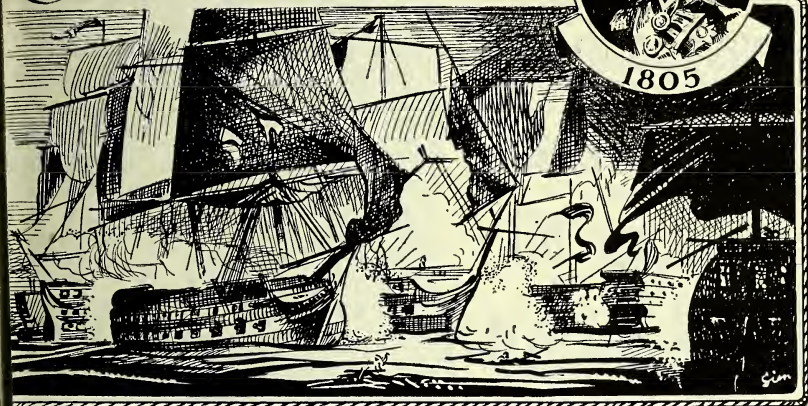
## CURICONES

For the relief of Rheumatism and kindred troubles

**STEPHEN MATTHEWS & CO.,**  
19-21 FARRINGTON ST., LONDON, E.C.5



# The Battle of Trafalgar



## DISTRIBUTION IS OUR BUSINESS



*n 1807 Nelson's Victory at Trafalgar had been history for two years. In that year the House of Maw commenced supplying the Pharmaceutical and Medical professions.*

*Service to the Government in many wars has not retarded us, and whilst present service may be far from perfect, our general business has improved consistently throughout 139 years of service to the trade.*

*Although we claim we are specialist distributors we have as a sheet anchor to our business substantial manufacturing plant for the production of Surgical Dressings, Sanitary Towels, Pharmaceutical Goods, Ointment, Fancy Waterproof items and Puffs.*

*Many trade friends have been good enough to refer to us as "The Selling Wholesalers".*

**MAW, SON & SONS, LTD.**  
LDBERSGATE HOUSE · NEW BARNET · HERTS

UNDRIES + PROPRIETARIES + AGENCY LINES



A good  
teaspoonful of  
**SevenSeaS**  
cod liver oil  
taken each day  
will make good  
the one ounce  
cut in the fat  
ration—and will  
give you much  
more Vitamin A  
and much more  
Vitamin D

*Change of Address*

**HAETAM LTD**

*Have pleasure in announcing that  
their NEW CITY PREMISES are at*

**63, CORPORATION STREET  
MANCHESTER, 4.**

Telephone No. BLA. 3882

SUPPLIERS to Chemists and Druggists  
SCISSORS, NAIL FILES, HAIR NETS,  
SLIDES and other sundries.

POWDER PUFFS of highest quality  
and Own Manufacture and well  
known Metal Curlers.

**“FABULO”**

Also Own Manufacture

PRICE LIST ON REQUEST

WHOLESALE & EXPORT ENQUIRIES  
INVITED.

GROUND

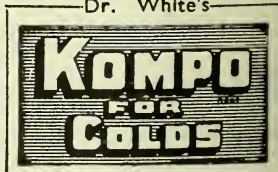
**DRIED YEAST**

MIDGLEY & PARKINSON, LTD.  
WARREN WORKS, PUDSEY LEEDS

“WHITE LIONS” “BLUE LION FOX NUTS”  
NEVERILL “OLD SALTS” “SHADFORTH

Write for our special Window-show terms  
Showcards for the above lines are available from  
SHADFORTH PRESCRIPTION SERVICE  
MITRE WORKS, CORDOVA ROAD, BOW, LONDON E3

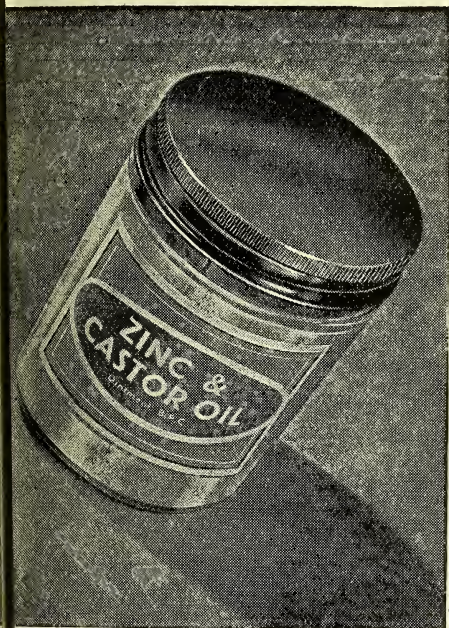
Dr. White's



Manufactured only by

**J. F. WHITE & CO., LTD.**

Levington Laboratory, Benson St., Leeds



## *Tribute to Ointments . . . . .*

Wherever our ointments are used, all pay tribute to their exceptionally fine appearance and uniform consistence. Whether packed or in bulk their high quality never varies.



MANUFACTURING CHEMISTS  
ESTABLISHED 1860 - DERBY 4266-8

# THE CHEMISTS' PRINTERS

FOR OVER SIXTY YEARS

THOMAS WAIDE & SONS, LTD.  
KIRKSTALL HILL  
LEEDS



# Something more

—*Something every chemist  
can be proud to recommend*

One of the reasons for the outstanding success of Propax in its highly competitive market is its therapeutic merit.

Acid Acetylsalicyl gr. 3.5, Acet-Phenetidin gr. 2.0, Phenolphthal gr. 0.166, that is the formula which, added to a superfine standard of manufacture, has made Propax the best remedy you

can recommend for Headaches, Neuralgia, Rheumatic Troubles, Colds and Influenza, Women's Pains, etc.

Most Chemists who have stocked Propax and shown it in its distinctive Display Packing find that it is a rapid seller and a steady repeater.



Still four sizes available  
3½d. 6½d. 1/5 and 2/6 inc. P.T.

*Prompt delivery from any wholesaler or  
direct from*

**SPLENDOR LTD., LONDON & NOTTINGHAM**



# than just Aspirin

*-Something that is being  
aggressively advertised*

You can stock Propax with every confidence of rapid sales. Our advertising campaign is being extended every day. More and more Newspapers all over the country ; Films in more and more cinemas ; Lantern Slides ; Buses ; Posters — every modern selling aid is helping to increase the demand for this fine product.

# PROPAX

TABLETS BRAND

**PROPAX**  
BRAND  
**TABLETS**  
REALLY STOPS PAIN

5 Tablets for 3 <sup>1</sup>/<sub>2</sub> <sup>INC</sup> TAX

*Really  
Stop Pain*

**ASHETREE****PRODUCTS****'ACNOLENE'**

The new treatment for ACNE  
 4 oz. 2/6d. 16/9d. doz. + P.T.  
 8 oz. 4/6d. 30/- doz. + P.T.  
*Advertised to the Medical Profession.*

**'BANDBOX'**

Scientific SOAPLESS SHAMPOO  
 4 oz. 1/9d. 144/- gross + P.T.

**'BANSHEE'**

D.D.T. 10% INSECT POWDER  
 in 1/- drums. - - 96/- gross.

**'BANSHEE'**

D.D.T. & LETHANE FLY SPRAY  
 ½-pint cans. 2/- - - 16/- doz.

**'GIT'**

Banishes MICE  
 1/- drums. - - - 96/- gross.

**'BANTOL'**

MEDICATED HAIR OIL  
 2/- size. - 144/- gross + P.T.

**'KERRIER'**

TONIC in four flavours.  
 Cherry Brandy, Orange, Curacao,  
 Creme de Menthe, Blackcurrant.  
 2/- size. - - 15/- doz. + P.T.  
 4/6 size. - - 34/- doz. + P.T.

**CALAMINE N.W.F.** 6 oz. size only 120/- gross + P.T.

*Full Price List on application.*

**ASHE LABORATORIES LIMITED**

120/122 VICTORIA STREET · LONDON S.W.1  
 PHONES: VICTORIA 6781/6 GRAMS: ASHETREE SOWEST LONDON

**AND AT LIVERPOOL & GLASGOW**

# Products of Westminster Laboratories

an ever increasing demand



## WESTMINSTER LABORATORIES LTD

★ PENN. BUCKS

'PHONE, PENN 3137

P. A.

T. A.





EPHEDRA

ALOE

ARARоба

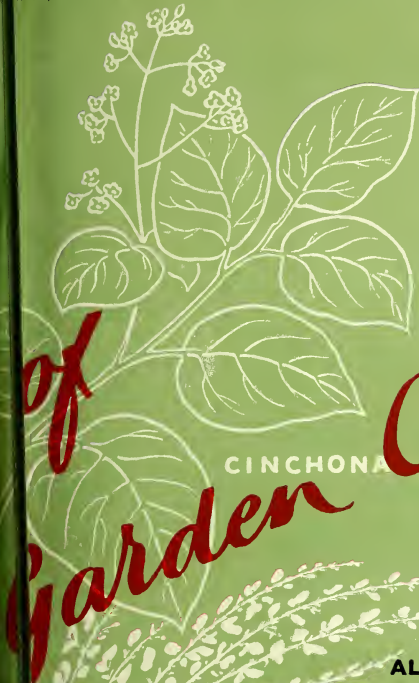
*Carnegie  
Welwyn*

ARTEMISIA



CARNEGIE

WELWYN GARDEN



CINCHONA



STRYCHNOS  
NUX-VOMICA

*of Garden City*



SCOPARIUM

ALOIN · ATROPINE & SALTS  
BARBITONE SOLUBLE · BISMUTH SALTS  
CAFFEINE SALTS · CHRYSAROBIN  
CITRATES · EPHEDRINE & SALTS  
ESERINE & SALTS · IODIDES  
MERCUROCHROME  
LITHIUM SALTS · NICOTINIC ACID  
PODOPHYLLIN RESIN  
PROCAINE HYDROCHLORIDE  
SALICYLATES · SANTONIN  
SPARTEINE SULPHATE  
STILBOESTROL · STRYCHNINE & SALTS  
SULPHANILAMIDE · SULPHAGUANIDINE  
THEOBROMINE SALTS · ETC.  
QUININE & SALTS · TOTAQUINE

CHEMICALS (WELWYN) LTD  
QUININE WORKS  
HERTFORDSHIRE





By Appointment as  
Suppliers of Scrubb's  
Cloudy Ammonia

*there's a Good Name  
behind them!*



### **SCRUBB'S**

#### **Paint & Enamel Cleaner**

For all Paintwork, including Var-nished, Enamelled and Lacquered Surfaces. Simple, quick, thorough.

### **SCRUBB'S**

#### **Dry Cleaner**

Quickly and completely removes spots, stains and dirty marks from Suits, Dresses, Hats, etc. Safe, reliable, easy to use.

Made by the makers of

**SCRUBB'S  
CLOUDY AMMONIA**

Sole Distributors : CHEMICAL & NATURAL PRODUCTS LTD

WIMBLEDON FACTORY ESTATE, MORDEN ROAD, LONDON, S.W.



# A Development in Salicylate Therapy

'ALASIL' presents the beneficial therapeutic effects of acetylsalicylic acid in such a form that it is readily acceptable even to those with finely-balanced digestive systems. This high tolerability is due to the fact that 'Alasil' combines acetylsalicylic acid with Dibasic Calcium Phosphate and 'Alocol' (Colloidal Hydroxide of Aluminium), a potent gastric sedative and antacid.

For this reason 'Alasil' can be administered by the physician with confidence in all the conditions in which such an agent is indicated, while its use affords the advantage of greater freedom from the possibility of unpleasant gastro-intestinal sequelae.

'Alasil' is therefore an analgesic, antipyretic and antirheumatic, which the physician can prescribe for patients of all ages. Moreover, it is so well tolerated that its use can be continued to the desired extent.

## Alasil

TABLETS

*Aspirin with a difference*

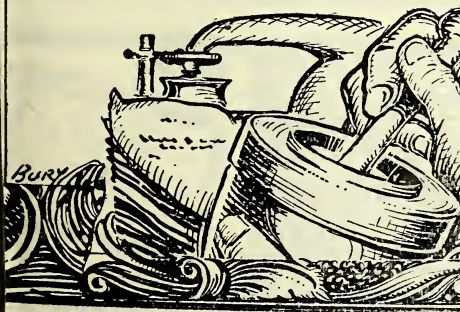
Retail Prices: Bottles 1/11½ and 1/5.

*Including Purchase Tax*

Trade Prices 15/9 and 11/3 Plus Purchase Tax

On the P.A.T.A.

A. WANDER, LTD., London, S.W.7



# Getting into Harness—

Springtime, calling for energy for outdoor tasks and exercise, also brings a demand for tonics after winter stresses and illnesses.

## NOSTEX TONIC TABLETS

*are a valuable general tonic in debility following acute and chronic infections and for 'run-down' conditions.*

Tins of 42 tablets, 2/6 (Incl. P.T.) (In attractive display outers of 24 tins)

## BROVONEX

*is a safe cardiac tonic for the middle-aged and elderly who easily tire on exertion and are 'not so good as they used to be.'*

3-oz. Bottles 5/- (incl. P.T.)

**MOORE MEDICINAL PRODUCTS LTD.**  
**ABERDEEN** **SCOTLAND**

## Senna

**FROM OUR OWN GROWERS** Alexandrian & Tinnevely  
Pods, Leaves, Siftings  
John Ronaldson & Co. Ltd., Universal House South-  
wark Bridge, London S.E.1 Phone: Waterloo 6151

You Can Obtain Everything  
**FOR YOUR PERFUMERY TRADE**  
from a label to a box for the bottle

From **S. KHAN**  
23 Commercial Road, London, E.1  
Phone: B1Shopsgate 3738 (2 lines)

# MILLAMALT

*Sole Manufacturers.*  
**JEFFREYS MILLER & Co. Ltd. Leyland Mills, WIGAN, London Dept. 19 Brookside Road, N**

## The VITAMIN MALT FOOD

With Vitamins (A. 6,500 I.U., D. 400 I.U.)  
per fl. oz.

## HALIBUT LIVER OIL CAPSULES

We can still supply by return of post.

Boxes of 24 Capsules 11/- doz., 60, 22/- doz.,

**LOFTHOUSE & SALTMER LTD. HULL**





# The Vitamin B Complex



The growing interest of physicians in the vitamins of the B complex directs the attention of the pharmacist to two important Roche preparations — 'Benerva' Compound and Pantothenic Acid Tablets. Three vitamin B factors are known to be needed in fairly big amounts. They are vitamin B<sub>1</sub>, B<sub>2</sub> and Nicotinic Acid Amide. Adequate doses of these are presented in

## BENERVA' Compound

### TABLETS

each of which contains :

**NEURINE**

1 mg. or 320 I.U.  
or  
1,000 gammas

**RIBOFLAVINE**

1 mg. or 400-500  
Sherman-Bourquin  
Units or 1,000 gammas

**NICOTINAMIDE**

15 mg.  
or  
15,000 gammas

In bottles of 25, 100 and 500.

### PANTOTHENIC ACID 'ROCHE'

appears for the first time in the 1946 Roche Price List. It is available in tablets as calcium pantothenite, 25 mg. Bottles of 100.

## ROCHE PRODUCTS LIMITED

WELWYN GARDEN CITY · HERTS

Scottish Dept : 665 Great Western Road, Glasgow, W.2

**Quality  
Service  
& Goodwill!**

These characteristics have established the leadership of 'ASPRO' among medicinal lines in all parts of the world to which it has been introduced.

Unique marketing methods, in which service to the distributor and to the public is the first consideration, have secured for 'ASPRO', everywhere, a standard of goodwill which lifts it right "out of the rut," above the inroads of plagiarist or imitator.

'ASPRO' protects its distributors' interests as wholeheartedly as it protects the people's health. Wholesalers and retailers quickly realise that 'ASPRO' is synonymous with fair trading, a ready seller which renders genuine service to the public. As a result, 'ASPRO' enhances the high reputation of British goods wherever it is sold.

**'ASPRO'**  
**Tablets**

are made by

**ASPRO LTD., SLOUGH, BUCKS  
ENGLAND**



## **NEWS of HILDENBRAND'S MEDICATED PINE NEEDLE EXTRACT**

Please address orders and  
enquiries to the Sole  
Distributors:—

**HENRI L. JACCAZ & CO.**  
32, Shaftesbury Av. London, W.1  
Tel.: Gerrard 2300

Supplies of this fine product are  
now obtainable in the following  
sizes: 6 oz.; 12 oz.; 20 oz.;  
and 40 oz.



Prices to retailers: 24/-, 44/-, 76/- and  
144/- respectively, plus 16 $\frac{2}{3}$ % Pur. Tax

**HILDENBRAND & COMPANY**  
THE LEADING PINE SPECIALISTS

61, Fortune Green Road, London, N.W.  
Established 1933.

## **IMPORTANT ANNOUNCEMENT**

### **Crème Simon**

*Prices increased from  
May 1, 1946*

Throughout the war it was found possible to maintain the high quality of all Crème Simon products without any price increase save purchase tax.

It is therefore with regret that Crème Simon (Distributors) Limited now find themselves in the face of rising raw material and labour costs, compelled to advance the prices of their products. These new selling prices which include purchase tax, will become effective from May 1, 1946.

Full details and trade terms will be issued upon application to your wholesaler or direct.

**Crème Simon (Distributors) Ltd**

THE RED HOUSE,  
8, KING'S END, RUISLIP, MIDDLESEX



# IMPORTANT TRADE ANNOUNCEMENT

*by Beechams Pills Limited, St. Helens, Lancs., re*

## **PHOSFERINE [ASHTON & PARSONS] LIMITED**

From April 1st, 1946 we are taking over the selling agency for the products of Phosferine (Ashton & Parsons) Limited, Watford, Herts. The preparations concerned are:—

**PHOSFERINE (TABLETS & LIQUID)  
ASHTON & PARSONS INFANTS POWDERS  
SANACINE TABLETS  
KEMNOS OINTMENT**

From the above date the distribution of the products named will be undertaken from St. Helens, and these preparations will be available along with the existing Beecham Group lines already supplied from here.

Full particulars of the new arrangements have been posted to the trade together with an order form embodying details of the new composite and separate order arrangements. If, however, you do not receive a copy of our Trade notification and revised order form, will you kindly communicate with Beechams Pills Limited, St. Helens, Lancashire, and we will immediately despatch full particulars to you.

### **REMITTANCES FOR GOODS SUPPLIED FROM PHOSFERINE (ASHTON & PARSONS) LTD., WATFORD.**

It is particularly requested that on and after April 1st, 1946, all remittances in payment of goods supplied by Phosferine (Ashton & Parsons) Limited, Watford, Herts., *up to and including 31st March, 1946*, should be posted to Beechams Pills Limited, St. Helens, Lancashire, but the cheques in payment thereof should be drawn in favour of Phosferine (Ashton & Parsons) Limited.

**BEECHAMS PILLS LTD., ST. HELENS, LANCS**

*Telephone: St. Helens 2241    Telegrams: Beecham, St. Helens*

# QUIZ

TOOTHBRUSH

*cleans  
them ALL!*



Rooney's, for 150 years makers of fine brushes, are producing the "QUIZ" Toothbrush. Output is at present limited, but already National advertising is familiarising "QUIZ"—the Toothbrush because it cleans them **ALL!** This new line will mean good business for you.

ROBT. A. ROONEY & SONS, LONDON, E.17.

## KOKO FOR THE HAIR

50 years reputation as  
HAIR TONIC and DRESSING  
PROMOTES GROWTH  
STOPS FALLING HAIR  
CLEARS DANDRUFF

*Delightfully perfumed*

Thousands of testimonials

*In limited supply from Wholesalers.*

KOKO MARICOPAS CO. LTD., 3, Fleet Lane, E.



### LARGE PROFITS UNRESTRICTED SUPPLIES SIMPLE MANUFACTURE

- Make your own brilliant white Haircream with the addition of hot water only. Emulsifier HCP. Costs less than 1½d. per oz. Bottles — Labels — Jars — Perfumes — Dy all available from stock.

Send stamp for complete price list, formula and SPECIAL OFFER.

### BRICCAS LIMITED

FORTRESS GROVE, KENTISH TOWN  
LONDON N.W.5. GULLIVER 34

## SAVILLE PERFUMERY LTD.

have pleasure in announcing that they will be resuming occupation of their own Office & Factory premises at

**124 RICKMANSWORTH ROAD,  
WATFORD, HERTS.**

on APRIL 1st, from which date all communications should be addressed to Watford as above.

The London address, 16a Sackville Street, Piccadilly, W.1., will be closed temporarily, and re-opened shortly as showrooms.



*In Ample Supply*

# CASYDROL

REGD. TRADE MARK

BRAND

ENZYMIC

## Protein Hydrolysate (oral)

is indicated in conditions where the protein intake is impaired or where a high protein diet is of value.

Thus 'Casydrol' Enzymic Protein Hydrolysate may be of value in carcinoma of the gastro-intestinal canal, peptic ulcer, diarrhœa, ulcerative colitis, dysentery, sprue, cœliac disease, and gastro-enteritis.

The administration of protein hydrolysate is of value in severe wounds, fractures, burns, hæmorrhages, and has been recommended as a routine post-operative measure.\*

\* Surg-Gynec. and Obst. 1945, 81, 31.

---

*'Casydrol' (oral) is available  
in 500 gram tins.*

TRADE

RETAIL

**11/-****16/6**

---

GENATOSAN LTD., LOUGHBOROUGH, LEICESTERSHIRE

*Telephone: Loughborough 2292*

and BENDER'S LTD., HOLMES CHAPEL, CHESHIRE

*Telephone: Holmes Chapel 3112*

# EUCRYL DENTIFRICES



BOUGHT ON DISPLAY TERMS YIELD  
PROFIT ON:—

SELLING PRICE

**39%**

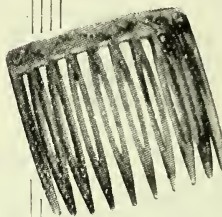
Eucryl Tooth Paste has an increasing Sale.

BUYING PRICE

**63.6%**

**EUCRYL LTD.  
SOUTHAMPTON**

**For the discriminatin  
Chemist**



Beautiful, best quali

**LADIES'  
SIDE COMB**

8 different colours  
per pair plus 100% tax  
2nd quality 2/- per pair  
plus 100% tax

**LADIES' COMPACTS**, Silver  
plated, beautifully finished, English  
turned design, 16/3 plus 100% tax

**CIGARETTE CASES** for evening  
wear to match Compact 16/3 plus  
33½ tax.

Orders despatched by return

**RAE-BENTLEY LIGHTER**  
32 VICTORIA STREET, S.W.  
Telephone: ABBey 6560

## *supply position improving*

These two hair preparations sell themselves. Limited releases of raw material now enable us to accept a few more orders for **Steiner's "S3"** Shampoo Cream and its companion line "**Sebosyn**". Both preparations are quick sellers and certain to repeat sales.

Retail prices - - "S3" 9/-, including purchase tax  
"Sebosyn" 10/- including purchase tax

**Dobson & Steiner Ltd.**, 66 Grosvenor St., W.I. 'Phone: Regent 1191

# Laboratory Precision

FOR over thirty years, through the disruption of two world-wide wars, Laboratory-tested formulae and Laboratory-checked manufacturing processes have ensured the high standards of therapeutic efficacy of all I.C.C. products.

It is this confidence in our products, encouraged and engendered by the honest statements of fact in our advertising, that sends back your customers for further supplies.

We are justly proud that our high standards have, through many difficult times, never been lowered, and we feel we can look forward with supreme confidence to a worth-while future of collaboration between our colleagues in the Trade and ourselves.

'BISURATED' MAGNESIA 'PINEATE' HONEY COUGH-SYRUP  
'LIMESTONE' PHOSPHATE 'FREEZONE' CORN REMOVER

**P.A.T.A.**



*International Chemical  
Co., Ltd.  
Clifton House, Euston Road,  
London, N.W.1.*



# SUPPORT THOSE WHO SUPPORT YOU



**Sole Distributors :**

FARNHAM 5796

THOS. CHRISTY & CO. LTD. FARNHAM. SURREY

## PER-DE-CO LIMITED

Per-de-Co, the established denture adhesive with ten thousands of regular users, is the ONLY denture adhesive which, although publicized, can be purchased from chemists only.

- FLYING MOTH - EGG - LARVA (GRUB) - PUPA (CHRYSLIS) - FLYING MOTH - EGG

## ... but Moths lay Eggs BEFORE they die

Recommend the **DOUBLE ACTION** Moth Proofer ... **POMP** (P.C.S. + D.D.T. geigy) ... Lethal to the GRUBS and Flying Moths alike.

**D.D.T. does not kill Moths instantaneously** ... they can live up to 24 hours after contact. Whilst this greatly reduces the number of EGGS it lays ... up to 150 EGGS CAN BE LAID IN THESE 24 HOURS.

P.C.S. is **LETHAL** against the EGG/GRUB part of the Moth life cycle.

POMP (P.C.S. + D.D.T.) offers permanent protection under all conditions (centrally heated premises, etc.) and all expectations of common usage.

# POMP

PERMANENT ODOURLESS MOTH PROOFER

**PRICES P.A.T.A.**

Pomp Moth Proofer - 30/- per doz., 3/9 each

POMP Sprayers - 32/- per doz., 3/6 each

(Showstands free with order)

We will accept orders for sprayers up to 1-1/2 bottles of POMP.

**ALSO NOW AVAILABLE—POMP (D.D.T. geigy) Full-strength Dusting Powder, 12/- per doz., 1/6 each**

Obtainable from the manufacturers: R. Demuth, Ltd., or from Thos. Christy & Co., Ltd., Farnham, Surrey.

**R. DEMUTH LIMITED • FARNHAM • SURREY**

PUPA (CHRYSLIS) - FLYING MOTH - EGG - LARVA (GRUB)

LARVA (GRUB) - PUPA (CHRYSLIS) - FLYING MOTH - EGG - LARVA (GRUB)



*Something NEW!*

**AERO-PED**

for ALL FOOT INFECTIONS

**A SCIENTIFIC  
TREATMENT  
BASED UPON  
WAR-TIME  
EXPERIENCES  
AND RESEARCH**

Aero-ped—the new and effective treatment for Dermatophytosis and allied mycotic affections of the feet, contains P.M.N. (Phenylmercuric Nitrate) in an o/w emulsion. It combines high antiseptic and fungicidal activity with low tissue toxicity, and inhibits bacterial decomposition of perspiration.

**REGULARLY ADVERTISED  
QUANTITY DISCOUNTS  
RETAILS AT 2/3 each.  
PROFIT 8/4 per doz.  
(Over 33½%)**

**SOLD ONLY BY QUALIFIED CHEMISTS**  
Obtainable through your usual wholesaler, or write for trade terms and quantity discounts to sole distributors:

**S. MAW, SON & SONS, LTD.**

ALDERSGATE HOUSE, NEW BARNET, HERTS  
Manufactured by: Aero-ped Ltd., 35 Bessborough Pl., London, S.W.1

*Make Money  
out of the Moth Menace!*



PROMOL MOTH RINGS AND CRYSTALS are two fine-selling, fast-moving lines, attractively dressed in red, white and blue Cellophane packs

Show a woman how the handy Ring slips over a coat hanger hook... and the sale is made!

**PROMOL  
MOTH RINGS  
AND CRYSTALS**



The crystals are excellent for saving carpets, pianos... and clothing stored in drawers and chests.



**BOTH RETAIL AT  
6<sup>D</sup>  
PER PACKET**

PROMEDICO PRODUCTS LTD., LONDON, N 4





# Potter's

## IODINE



CONTINUOUS RESEARCH

## & IODIDES

Progress, and with it experience, is necessary to give confidence to customers during these days.

We have made that progress, and gained with it that experience which enables us to give the best possible service to all in the trade.

### POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, LONDON, E.1

77 DANTZIC STREET, MANCHESTER



# POST-WAR MARKET NEWS

summarising post-war opportunities, special notices, new packaging and new products

*Let your customers recognise your whole series*

## LABELS EN FAMILLE

*with the SAME high quality  
SESSIONS DESIGN  
running through all your labels*

Write for Samples  
W. SESSIONS, LTD., Ebor Press, York

**THERE IS NOT SUFFICIENT**

# Beaulah's

FAMOUS  
MALTED  
MILK



**FOR ALL THE PEOPLE  
WHO WANT IT**

Our policy therefore is to distribute  
all available supplies to our Chemist  
Friends only

In one popular size only during  
the war, 2/-

**J. & J. BEAULAH LIMITED,  
BOSTON, Lincs.**

# HALMAGON

Brand

Tablets

**CELL NUTRIENT IS  
AGAIN IN SUPPLY  
ASK YOUR  
WHOLESALE**

4-Tube Box ... 3/11½  
15 " " ... 11/10  
(Including Purchase Tax)

Sole Distributors:  
**MARSHALL'S PROPRIETARIES LTD.**  
41/43 DOCKHEAD, LONDON, S.E.1



## Eau de Cologne and Beauty Aids

**BLUE AND GOLD LABEL  
MADE IN ENGLAND**

All enquiries to:—

**R. J. REUTER COMPANY, LTD.**  
"4711" FACTORY, SLOUGH, Bucks

## DR. KNOX'S RAPID COLD CURE

*Now Available at Reduced Prices*

Retail 1/6 - 10/- per doz.  
plus 1/6 Tax.

3 dozen at 9/6  
12 dozen at 9/-

### JOHN KNOX LTD

Cannon St. Hanley  
STOKE-on-TRENT

36-38 Dean St.  
BIRMINGHAM 5

*A reputation for reliability...*

# "Sentinel"

ALL COTTON WOOL

## SANI-TOWELS

*"with the soft seamless knitted covering"*  
SIZES 1, 2, 3 AND MATERNITY also  
'KUMFEX' SOLUBLE (all with loop ends)

★ Supplies unfortunately restricted at present  
**SPLENDOR LTD. Nottingham & London**



# *Natural or* **SYNTHETIC**

Though the therapeutic effects of œstradiol monobenzoate, stilbœstrol, stilbœstrol dipropionate and hexœstrol are qualitatively similar, minor differences in tolerance and response may dictate a preference for one or another of these œstrogenic substances in the management of individual cases. All four compounds are available as Burroughs Wellcome & Co. products, in dosage forms adapted to every therapeutic need and conforming to the highest attainable standards of purity and accuracy.

**STILBÆSTROL**

**ÆSTRADIOL  
MONOBENZOATE**

**STILBÆSTROL  
DIPROPIONATE**

**HEXÆSTROL**

## **ÆSTROGENS**

*Issued as 'Tabloid' brand compressed products for oral administration, and 'Hypoloid' brand sterile solutions for intramuscular injection. Also available, 'Wellcome' brand Stilbœstrol Ointment.*



**BURROUGHS WELLCOME & CO.**

(The Wellcome Foundation Ltd.)

**LONDON**

(T.22)



P.A.T.A.

## SQUIBB "QUINOLOR"

Trade Mark Brand

Compound Ointment

### Tissue-repair promoting Antiseptic

An ointment of proved value in staphylococcal infection, particularly good results are to be obtained in sycosis barbae, sycosis vulgaris and tinea sycosis. "Quinolor" possesses noteworthy qualities for promoting tissue repair and affords an excellent dressing for cutaneous affections and superficial lesions. 1-oz. & 16-oz. jars.

## "TETRONOX"

Trade Mark Brand

Reliable hypnotic and sedative.

## "MORYL"

Trade Mark Brand

Carbaminoylcholine Chloride

Powerful parasympathetic stimulant

## "Dr. JENNER'S ABSORBENT LOZENGES"

Trade Mark Digestive Tablets Brand

Famous for 150 years for indigestion.

## "MEDILAX"

Trade Mark Brand

Laxative Pellets

Something more persuasive.

MARTINDALE

## "E.S.T.P"

Trade Mark Brand

Ether-Soluble Tar Paste

An advance in coal tar therapy.

MARTINDALE

## "STERULES"

Trade Mark Brand

Selected preparations for injection.

Full details on request to:—

**Savory & Moore Ltd.**

Chemists to The King

 Lawrence Road, Tottenham, N.15  
 or Wm. Martindale, 50 Wigmore Street, W.1


## CONCENTRATED



## A Superb Beeftea

Beeftea, made from Concentrated OXO, contains the physiological stimulants of beef which aid assimilation, promote muscular activity and act as restoratives in debility.

*Concentrated OXO contains 0.5-0.6 Mg/Gm of the Vitamin B<sub>1</sub> (References: Drummond & Moran, Nature 1944, 153, 99; Frankau, BMJ, 1943, II, 601)*



The

## CHEMIST AND DRUGGIST

For RETAILER — WHOLESALER — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

## CONTENTS

|   | Page |                                      | Page |
|---|------|--------------------------------------|------|
| Agenda for Representatives' Meeting     | 400  | Legal Reports .. .. .                | 394  |
| Business Changes .. .. .                | 391  | Marriages .. .. .                    | 392  |
| Chief Officials of Organisations, No. 2 | 405  | Medical and Dental Reactions to Bill | 398  |
| Coming Events .. .. .                   | 392  | N.H.S. Questions at Edinburgh ..     | 406  |
| Company News .. .. .                    | 393  | N.H.S. Scheme in Diagram ..          | 401  |
| Correspondence .. .. .                  | 410  | News of the Week .. .. .             | 385  |
| Deaths .. .. .                          | 392  | Overseas Trade News .. .. .          | 412  |
| Editorial Articles:—                    |      | Personalities .. .. .                | 393  |
| How Pharmacists Fare under Bill         | 403  | Society's President at Birmingham .. | 407  |
| Aid for Export .. .. .                  | 404  | The Bill and its Effects on Pharmacy | 395  |
| Import Trade in February .. ..          | 409  | The Week in Parliament .. ..         | 388  |
| Insurance Act Dispensing .. ..          | 394  | Topical Reflections .. .. .          | 389  |
| London Drug Association Public Dinner   | 408  | Trade Marks .. .. .                  | 416  |
| London News .. .. .                     | 387  | Trade Notes .. .. .                  | 390  |
| Joint Committee on N.H.S. Bill ..       | 399  | Trade Report .. .. .                 | 413  |

## NEWS OF THE WEEK

**Ascorbic Acid for Hospitals.**—A notice from the Ministry of Health announces that Circular 73/44, which placed restrictions on the supply of ascorbic acid to hospitals, is now withdrawn.

**Air Mail in British Isles.**—For the ordinary rate of 2½d., internal air-mail postal services are announced for Britain, commencing in 1947. The new services enable all letters post in London at 5.30 p.m. to be delivered in Belfast, Dublin, Edinburgh and Glasgow next morning.

**Government Scientists for Industry.**—During the war, the Ministries of Supply and Aircraft Production absorbed a good proportion of the annual outflow of science graduates from Universities and colleges. Many of the scientific staffs of the Ministries have already returned to their former posts, but fundamental and industrial research and teaching are still short of scientific personnel. Further large reductions are now being made at the research establishments of the Ministries.

**Export Research Organisation.**—In reporting satisfactory progress, B.E.T.R.O. (the British Export Trade Research Organisation) states that offices are being opened in Stockholm (covering the Scandinavian countries), and in Cairo (covering the Middle East), and that representatives have been or are about to be selected for New York, Toronto, Buenos Aires, Bombay (and possibly Calcutta), Shanghai, and Sydney. Complete agreement has been reached with the Department of Overseas Trade for avoiding duplication of work. The address of B.E.T.R.O. is 48 Dover Street, London, W.2.

**New Industrial Information Service.**—To plan and inaugurate an industrial information service in the north of England, the Association of Special Libraries and Information Bureaux (Aslib) is calling a one-day conference to be held at the Manchester Corporation Gas Showrooms, Manchester, on May 8. Papers will be read on "What the Industrialist Expects from an Industrial Information Service," "The Functions of



Industrial Information Officers," and "Organisation of an Industrial Information Service." A brains trust will open activities in the afternoon, at which Mr. W. J. Merrick will be question master. Statements concerning the formation of a northern branch of Aslib will conclude the conference. Accommodation is limited, and applications for seats should be sent to the General Secretary, Aslib, 52 Bloomsbury Street, London, W.C.1.

**Grant for Antibiotic Research.**—A gift of \$19,000 (about £4,721) from the Rockefeller Foundation for research in antibiotic substances has recently been made to the Oxford University.

**Bristle Control.**—Important reductions in the bristle content of brushes are contained in a new schedule issued by the Ministry of Supply for adoption forthwith. No bristle at all will be allowed in hair, tooth and dental-plate brushes.

**Aberdare Penicillin Demonstration.**—A demonstration of the dispensing of penicillin cream was given to Aberdare chemists by Mr. J. Barclay Hough, M.P.S., at the Royal Gwent Hospital, Newport, Mon., on March 24, and afterwards visitors were invited to make sterile preparations themselves. Mr. I. E. Thomas, J.P., proposed a vote of thanks to Mr. Hough, and Mr. E. Ll. Humphreys seconded.

**Walsall Meeting.**—The importance in crime detection of botany and zoology was referred to in a lecture illustrated by lantern slides, which Professor J. M. Webster (director, West Midlands Forensic Science Laboratory) gave recently to a meeting of the Walsall Branches of the Pharmaceutical Society and National Pharmaceutical Union. A vote of thanks was proposed by Mr. J. H. Edsforth, and seconded by Mr. F. A. C. Bannister.

**Bath Activities.**—The history of penicillin, its discovery, development, present-day large-scale manufacture, and its value in treatment, were dealt with in an address given by Mr. H. E. Dale to a meeting of the Bath Branch, Pharmaceutical Society, on March 20. The lecture was illustrated with lantern slides. Mr. C. H. James (chairman of the Branch) presided. A refresher course which is being organised by the Branch will deal with sterility, aseptic dispensing, and the preparation of penicillin cream.

**Harrow Address.**—Diabetes, jaundice, liver dysfunction, and toxicology were dealt with in an address on "Chemical Pathology in the Diagnosis and Treatment

of Disease," given by Dr. Archer to the Harrow Branch, Pharmaceutical Society, on March 19. In a discussion which followed the speaker said that the disadvantage of the use of delayed-action insulin was the difficulty in estimating the time for maximum effect. A vote of thanks was proposed by Mr. Shoobridge and seconded by Mr. Islip.

**Candidates Speak at Newcastle.**—Candidates for election to the Council of the Pharmaceutical Society spoke at a meeting of the Newcastle Branch on March 13. They were Miss Islip, Messrs. Crowe, McIlroy, Murray, Granville Shaw, and Stephen. Points on which most speakers agreed were the need for reform in the Council elections, the need for providing the best possible dispensing service, revision of pharmaceutical education, and the provision of adequate remuneration whether in the form of a National Health Service.

**U.S. Trade Proposals Opposed.**—The London Chamber of Commerce has sent to the Government a detailed criticism of proposals on trade and employment drawn up by the United States Government and due to be discussed before an international conference in London in 1946. It is clear, the Chamber states, that under the proposals a nation not dependent on imports can, without inconvenience, restrict imports indiscriminately for all nations, whilst claiming the right to impose without discrimination the market for import-dependent nations. The Chamber urges that the right of nations to claim the benefits of non-discrimination clauses in the proposals should be conditional upon fulfilment of an obligation to make balance payments with the rest of the world in terms of goods and services; and that provisions (exceeding those of the "guarantee" clause of the Bretton Woods agreement) should be incorporated in any future international agreement to ensure that the obligation is carried out. It pointed out by the Chamber that, since subsidies are generally condemned, U.S. proposals, they may, in certain circumstances, be used in the case of "some world surpluses" of primary products. Preferences, when once reduced or eliminated, must not again be raised or increased, but no such provision is made in the proposals of tariff reductions. No "escape clause" is provided in respect of undertakings to reduce or eliminate preferences, and in this instance also the Chamber pointed out that sudden and widespread changes might result to the producers concerned.

# IRISH NEWS

**Students' Council Officers.**—At a recent meeting of the Pharmaceutical Students' Representative Council, Dublin, Miss U. Kelly was elected *Vice-chairman*, Mr. N. Scroope *Records Secretary* and *Treasurer*, and Mr. L. Byrne was co-opted to vacancy on the council.

**Penicillin Supplies in Northern Ireland.**—In reply to a question by Mr. J. Lyons in the Northern Ireland House of Commons on January 12, concerning improvements in the supply of penicillin in Northern Ireland to equal the supply in Eire (where it is freely available for purchase by medical practitioners at chemists' shops), the Minister of Health and Local Government said that, since lease-lend supplies had ceased, the quantity of penicillin available in the United Kingdom was dependent on home production. The present supply was limited and was subject to control by the British Ministries of Supply and Health. Production is increasing, however, and when sufficient supplies were available it would not be possible to put distribution on a large basis. The British Ministry of Health increased the quantity of penicillin supplied to Northern Ireland by 50 per cent. in January.

**Dublin Camogie Club.**—In Dublin, Eire, recently, a tea and social was held by the Chemists' Camogie Club. All the societies and clubs in pharmacy were represented. Among those present were Messrs. P. A. Brady (vice-president, Pharmaceutical Society), M. Costelloe (president, Irish Drug Association), Mr. and Mrs. P. Cahill, Mr. and Mrs. C. J. Cremen, Mr. and Mrs. G. C. O'Neill, Mr. and Mrs. J. Gibson, Mr. and Mrs. F. McMahon, Messrs. P. F. McGrath, Seamus Fox (chairman, Students' Representative Council), M. Hanna (chairman, social committee), T. O'Keefe (captain, Gaelic Football Club), M. Power (secretary, Dramatic Society), Miss C. Gaffney (chairman) presided at the tea, during which short speeches were made by Messrs. Brady, Costelloe, and Miss F. Quinn. Messrs. Fox and C. Ward acted as M.C.s. Dancing, including many Irish dances.

**DDT Toxicity Disclaimer.**—An emphatic statement has been given by the Eire Department of Local Government and Public Health to a statement made recently by a Dublin doctor that DDT had killed at least two people. "The statement," says the Department, "should not be

allowed to pass without comment". In each of the two deaths alleged to be due to DDT, the Department states considerable quantities of kerosene were also consumed, and there was grave doubt as to whether death was due to paraffin oil or to the DDT. "DDT in powder form is no more dangerous or poisonous than many substances in common domestic use, and it is desirable that the public should not be misled." Extensive tests were carried out by the Department into the toxicity of DDT and in fact quantities equivalent to 2 oz. of a 5 per cent. powder have been taken internally without ill effect. "Nevertheless... DDT should not be swallowed," the Department's statement concludes.

**Irish Drug Association.**—Following committee meetings of the Irish Drug Association held on February 18 and March 4, Mr. M. Costelloe (president) in the chair, the profit margin on a proprietary food product was carefully considered. The company not being prepared to make any concession in the matter of the present profit margin (15 per cent.), the committee is advising members to keep the product in the background. Retail prices of certain proprietary soaps are being reduced, and new prices become effective on April 1. It is understood that rebates will not be given, and members are advised to keep stocks of these at a minimum. Investigations made by the Department of Industry and Commerce indicate that supplies of powdered glucose have been obtained in bulk quantities from chemists and diverted to purposes other than medicinal; the Department takes a serious view of such negligence, and members are advised to exercise the greatest care and discretion as to the quantity of powdered glucose supplied in a single transaction. The purpose of the purchase must be purely medicinal. Representatives of the Pharmaceutical Society of Ireland and of the Association, it was recorded, had been received by Dr. Ward (Parliamentary Secretary to the Minister for Local Government and Public Health) and such sections of the Public Health Bill as were of paramount importance to the drug trade had been fully discussed. The Minister for Industry and Commerce has sanctioned a bonus of 5s. for male and 4s. for female workers employed in the retail drug trade in Ireland, making total bonus to date 15s. for male and 12s. for female workers, payable as from January 14.



## THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

**COTTON WOOL** supplies, in Eastleigh, Hants, were the subject of a question to the Minister of Supply by MR. G. JEGGER on March 18. He asked whether the Minister was aware that chemists in the town were still awaiting delivery of their November 1945 allocation of cotton wool, and whether the Minister would expedite deliveries. MR. WILMOT replied that he was not aware of a shortage of cotton wool in Eastleigh, but would do his best to help, and quickly, if the questioner would give him particulars of the local shortage.

### Medical Requirements in Short Supply

MR. ASTOR asked the Minister of Supply whether he was aware that chemists under contract with county Insurance Committees were unable to obtain sufficient supplies of liquid paraffin, cotton wool and other surgical dressings to supply their strictly medical needs; and if he could indicate when ample supplies would be available. The questioner was referred to a previous reply which stated that production of these commodities was sufficient to meet all medical needs. The Minister said he was aware that the materials—particularly liquid paraffin—were sometimes used for purposes other than medical; he was at present engaged in a detailed investigation of the intricate channels of distribution of liquid paraffin to see how the position could best be improved.

### Packaging Restrictions

MR. W. SHEPHERD asked the President of the Board of Trade if he was now in a position to lift the British Standards Institution war-time package regulations.

SIR STAFFORD CRIPPS: Most of these have already been withdrawn. The only ones still in force relate to metal and glass containers, in the manufacture of which the shortage of labour is still so great as to preclude any relaxation of the restrictions.

### Supplies for Plastic Industry

MR. A. LEWIS asked the President of the Board of Trade why titanium oxide and tricresyl phosphate, which were required for the production of coloured polyvinyl chloride, were being exported on instructions from his department to such an extent that the manufacturers of polyvinyl chloride had now no stocks available for supplying the commodity to manufacturers of extruded

products using polyvinyl chloride in this country; and if he was aware that, as a consequence, production of the complete articles had been seriously hindered.

SIR STAFFORD CRIPPS: Exports of titanium oxide have been permitted to a certain extent agreed with the manufacturers in order to meet the needs of Empire countries. No arrangements have been made by my department as to the level of exports of tricresyl phosphate. Inquiries are being made regarding the supply of these materials to manufacturers of coloured polyvinyl chloride and the effect of any shortage on the output of extruded products.

### Sending Samples Abroad

On March 19 MR. ERROLL asked the Chancellor of the Exchequer whether he was aware that, under existing regulations, manufacturers were not allowed to send abroad samples of any magnitude without first obtaining a CD3 form from the Export Permits Division of the Bank of England; that the forms could not be obtained direct, one to three weeks' delay being involved in obtaining them; and whether, in view of the importance of doing everything to facilitate the export trade, this formality could now be dispensed with.

MR. HUGH DALTON: The forms could be obtained from any bank or Customs office or from the Bank of England, and completed applications are cleared by the Bank of England within twenty-four hours. It is necessary so that the authorities can make sure that all exports, other than bona-fide samples, are paid for.

### Medical Plaster of Paris

SIR WAVELL WAKEFIELD asked the Minister of Works if he was aware of the shortage of plaster of Paris, which was required for medical purposes in hospitals and what steps he was taking to overcome the shortage.

MR. TOMLINSON: The available amount of plaster of Paris and of other types of plaster is limited by the output of gypsum and steps are being taken to increase gypsum supplies.

**Manganese of Chlorax.**—Asked yes or no what nutritious chemical he expected to find in the fossilised food of the Aztecs, Strabismus replied "Manganese of chlorax"—Beachcomber in the "Daily Express".



## TOPICAL REFLECTIONS

### Any Events

No one can persuade us that pharmacy is dull tract of country at the moment: the contents of your last week's issue are convincing evidence against any such contention. The four pages of tributes to the Proprietary Articles Trade Association from representative contributors in all sections of its membership (pp. 375-78) are of outstanding interest, and place on record much more than I had space to indicate in this section a week ago. So weighty a consensus of opinion should be decisive in answering any questions that young members of the trade may be inclined to ask. Interesting meetings at Glasgow and Liverpool are referred to in my next two paragraphs. The first of a series of portraits of chief officials (p. 371) reintroduces a feature that has distinguished *THE CHEMIST AND DRUGGIST* as long as I can remember. Well-printed illustrations have always been forthcoming in your columns when subjects were demanded them; and their excellence has, to my knowledge, attracted praise from people not connected with pharmacy and its allied industries. Last but not least among the principal items of this issue comes the Supplement giving the main proposals of the National Health Service Bill. One might have supposed that the Ministry of Health would have accepted the usage of publishing houses and had issued advance copies of this Bill so that your Supplement could have been ditched with the rest of the *C. & D.* of the same date. We have to thank you for so successfully overcoming the difficulty caused by the date of release of this document, thus enabling us to begin the study of issues that will receive detailed discussion in the near future.

### Miscellaneous

A special Tribunal is to be set up to investigate cases where it is claimed—either by the Executive Councils or otherwise—that the continued inclusion of any doctor, chemist, dentist or optician in the lists drawn up by the Executive Councils would be prejudicial to the efficiency of the service. The Tribunal will have a legal chairman appointed by the Lord Chancellor and will in each case include a member of the same profession as the person whose case is being investigated and one other—the latter two being appointed by the Minister. Where it is satisfied that the representations are justified the Executive Council will be directed to remove from the list the name of the

doctor, dentist, chemist or optician, who is given the right to appeal to the Minister. Where the Tribunal so decides a similar direction can be applied to all lists in all areas, with the same right of appeal. Provision is also made that where any doctor, dentist, chemist or optician has already been disqualified from participation in the present National Health Insurance service, and the disqualification has not been removed, he shall not have the right to participate in the new service. Where the Minister is satisfied, after inquiry, that the services provided by doctors, dentists, or chemists in any particular area are not adequate he is empowered to take such steps as he considers necessary to secure an adequate service.

### A New Curriculum

The changes in the pharmaceutical curriculum proposed by Professor J. P. Todd at Glasgow (p. 364) will, I trust, be carefully considered by educationists and by all who are concerned with the training of our students. Seldom have I read so compact and consistent a scheme. Three statements may be selected from your report as having the force of axioms: (1) "The pharmacist should have knowledge and training possessed by no others"; (2) "The longer one was away from school the more difficult it was to assimilate knowledge"; (3) "It was not possible to study all the subjects on a high plane." Applying these principles to the period of preparation, Professor Todd suggested that apprenticeship, admittedly a crucial part of the problem, should be served on what he called a "sandwich" system, winters being spent at classes and summers in a shop or hospital. It is to be noted that under this system the "onus" of training apprentices would be removed from their employers. Generally speaking, Professor Todd added, an employer is not properly equipped to teach pharmacy. This is a hard saying; yet it contains a large measure of truth. My only hesitation in endorsing the scheme as it stands arises from the proposed reduction in the syllabus for pharmacognosy. As this subject must, presumably, include so much botany as is deemed necessary for students to acquire, I question whether any considerable reduction can safely be permitted. Mr. Jack's comment on the value of a knowledge of mathematics is wise. Science has been defined as "measurement," and in mathematics the function of measurement is perhaps more obvious than in any other department.

**Xrayser**

## TRADE NOTES

**Head-louse Emulsion.**—A hair emulsion for the treatment of pediculosis capitis, and containing DDT, is available under the name Suleo from Jeyes Laboratories, Ltd., London, E.13.

**Shampoo Supplies.**—The supply position of Steiner's S3 shampoo cream and Sebosyn is stated by the makers, Dobson & Steiner, Ltd., 66 Grosvenor Street, London, W.1, to be improving.

**Photographic Service.**—A price list of services available from Ace Photographic Service, Department CB, 87-109A Penny Street, Blackburn, Lancs, may be obtained, on request.

**Packing to the Trade.**—Ashley & Weeks, Ltd., Mitcham Road, London, S.W.17, invite manufacturing chemists to send preparations in bulk to them for packing and distribution.

**Manicure Sundries.**—All kinds of scissors, tweezers, forceps, nail-files and manicure accessories in stainless steel and plated metal are offered by Surgical & Manicure Specialists, Ltd., Sheffield, 3.

**Five-day Week.**—Eli Lilly & Co., Ltd., have reverted to a five-day, forty-hour week at their Basingstoke works. The London office at 2, 3, & 4 Dean Street will continue to open on Saturday mornings.

**Fifty Years' Reputation.**—Koko Maricopas Co., Ltd., 33 Fleet Lane, London, E.C.4, direct attention to their speciality Koko for the hair, which they claim has fifty years' reputation as a hair tonic and dressing.

**Cork Closures for Bottles.**—The Cork Trade Association urges chemists, when packing or purchasing toilet or medicinal preparations, to "see that the bottle is sealed by a cork," which is described as "the natural closure."

**Indian Botanicals.**—Drugs of India (Farmers), Ltd., 161/1/1 Harrison Road, Calcutta, India, claim to be the largest suppliers of Indian medicinal herbs and drugs and invite inquiries from trade users in this country.

**Protein Hydrolysate.**—Ample supplies of Casydrol enzymic protein hydrolysate for oral administration are available from the joint manufacturers, Genatosan, Ltd., Loughborough, Leicestershire, and Bengers, Ltd., Holmes Chapel, Cheshire.

**Through Chemists Only.**—Per-de-Co., Ltd. (sole distributors, Thos. Christy & Co., Ltd., Farnham, Surrey) point out that their

preparation is the only denture adhesive which, though advertised in the lay Press, is purchasable exclusively through chemists.

**Agencies in Egypt.**—Société Anonyme des Drogueries d'Egypte—formerly Delmar, 12 Mahdi Street, Cairo, Egypt—offers a large organisation with fifty years' experience of the pharmaceutical, drug and cosmetic trades, to firms desirous of distributing products in Egypt.

**Film Advertising Programme.**—Between January and October 1946 a film "Look on the Bright Side" is to be shown at 600 Odeon and Gaumont-British cinemas in Great Britain on behalf of the distributors of Bisodol, Kolynos (Sales), Ltd., Chesham Street, London, W.C.1.

**Manufacture in India.**—The advantages of having branded products for the Indian market locally manufactured to make their own formulas is stressed in an announcement in this week's issue by Oriental Pharmaceutical Industries, Ltd., Malabar Road, Bombay, 16, India.

**Itaconic Acid.**—Kemball, Bishop & Co., Ltd., London, E.3, announce they have locally manufactured, and have available for search purposes in the plastic and other industries, small quantities of itaconic acid. The compound will later be manufactured by the company on an industrial scale.

**Soluble Ferrous Iron.**—John Wyeth & Brother, Ltd., 25 Oldhill Place, London, N.16, have issued an attractive two-panel folder in red and black on Plastulene, a hæmatinic compound. This preparation is issued in two varieties, plain and with iron extract, in bottles of thirty and sixty capsules.

**Pine-needle Extract.**—Hildenbrand & Co. medicated pine-needle extract is now available through the sole distributors, Henry Jaccac Co., 32 Shaftesbury Avenue, London, W.1. Terms are given in an announcement in this issue by the manufacturers, Hildenbrand & Co., 61 Fortune Green Road, London, N.W.6.

**Oestrogens.**—A range of natural and synthetic oestrogens, including stilboestrol, oestradiol and hexoestrol, is issued by the Tabloid brand compressed products for oral administration, or Hypoloid brand sterile solution for intramuscular injection, by Burroughs Wellcome & Co. (the Wellcome Foundation, Ltd.), London.

**New Insecticidal Preparations.**—Potter & Clarke, Ltd., 60 Artillery Lane, London, E.1, have registered the trade mark Haddit for their new insecticidal preparations, one a spray containing DDT and pyrethrum in hydrocarbon oils, the other a DDT dusting powder. Particulars of sizes and prices may be had from the manufacturers on application.

**National Advertising Campaign.**—A national campaign to draw attention to the use of DDT insecticide in powder and liquid forms in the elimination of beetles, cockroaches, moths, etc., is being undertaken by the manufacturers, Fubex, Ltd., 27 Albemarle Street, London, W.1. The sole agents for the trade are Harley Simm & Co., 20 Fletch Lane, Leicester.

**Upcoming Price Increase.**—Although there has been no war-time increase in the price of Crème Simon, the manufacturers, Crème Simon (Distributors), Ltd., The Red House, 8 King's End, Ruislip, Middlesex, find themselves compelled, in the face of rising costs of raw materials and labour, to announce an advance in the prices of their products as from May 1 next. Full details are available on request either to wholesalers or the manufacturers.

## Proprietary Articles Trade Association

**Additions to Protected List**—G. W. Harrison, Harrison's rat baits, 6d., 4s. 6d. doz.; 1s. 6d. doz.; 5s., 45s. doz.; 20s., 189s. doz. (exempt from tax).

**W. Martin, Ltd.,** Pestroy, new size, 1s. 6d., 13s. 6d. doz. (exempt from tax).

**Operations**—Jeyes Laboratories, Ltd., Cyllin-M, 12s. doz., tax 2s. doz., inclusive retail price 1s. 8d.

**W. Tangee (London), Ltd.** (sole distributors for the United Kingdom, J. C. Gambles & Co., Ltd.), entered in protected list has been amended as follows: Tangee lipsticks, large, 36s. doz., tax 36s. doz., i.r.p. 7s. 6d.; medium, 12s. doz., tax 12s. doz., i.r.p. 2s. 6d.; rouge vanity, 36s. doz., tax 36s. doz., i.r.p. 7s. 6d.

**W. H. Warren, Ltd.,** Cutex clear liquid polish, No. T.10, creme liquid polish, No. T.22, and polish remover, T.30, 9s. doz., tax 9s. doz., i.r.p. 9s. 9d.; emery boards, Nos. 37, 38 and 44, 7s. 6d. doz., tax 7s. 3d. doz., i.r.p. 1s. 6d. Less 5 per cent. for display 50s. orders and 7½ per cent. on £5 orders.

**W. H. & Co., Ltd.,** Revised quantity terms to mailers in Eire: Scrubbs cloudy ammonia, 13s. 6d. doz. at 13s. 6d. doz., net; six-doz. at 13s. 6d. doz., less 5 per cent.; twelve-doz. at 13s. 6d. doz. less 10 per cent.

**W. H. & Co., Ltd.,** Tokalon face-powder, Terms 13s. 6d. doz. through wholesalers, 8s. 3d. doz. net, with 10 per cent. discount.

## BUSINESS CHANGES

SIR WALLACE ALAN AKERS is shortly to resume his duties as a director of Imperial Chemical Industries, Ltd.

SAVILLE PERFUMERY, LTD., will return to their office and factory at 124 Rickmansworth Road, Watford, Herts, on April 1.

MR. C. P. MACLENNON, M.P.S., is taking over The Pharmacy, Cardenden, Fife, from Mr. Robert S. Ramsay, M.P.S., who is retiring.

MOORE MEDICINAL PRODUCTS, LTD., Aberdeen, have acquired factory space at Strathendry Works, Leslie, Fife, for the production of a new atomiser.

MR. F. G. KENT, B.Sc., M.I.Chem.E., Keeres Green, Aythorpe Roding, Dunmow, Essex (telephone: White Roding 249), has resumed his practice as a consulting chemical engineer.

DR. HAIR'S PROPRIETARIES, LTD., is the name recently taken by the company previously known as Dr. Hair's Asthma Cure, Ltd. The directorate, management, policy and financial ownership remain unchanged.

PHARMACEUTICAL DISTRIBUTORS (GLASGOW), LTD., 187 St. Vincent Street, Glasgow, C.2, are sole distributors in Scotland and Northern Ireland for Geo. H. Lawrence, Ltd., Sheffield, manufacturers of Laurel safety razors and blades.

DR. T. F. MACRAE, O.B.E., has recently been appointed head of research, Glaxo Laboratories, Ltd., Greenford. Dr. Macrae graduated at Glasgow University with first-class honours in chemistry, and was awarded Doctorates in post graduate research.

MR. AMBROSE ADDIS has been appointed chairman of J. & E. Atkinson, Ltd., Old Bond Street, London, W.1. From April 1 the company's representatives will make regular calls again on customers, and this will bring to an end the wartime "joint selling force," which operated with A. & F. Pears, Ltd.

AN EXPORT PROMOTION DEPARTMENT, newly established at the Board of Trade, and in operation from April 1 at 35 Old Queen Street, London, S.W.1, will take over the functions of the Department of Overseas Trade, which will cease to exist on March 31. Mr. H. A. Marquand, the present Secretary, becomes an additional Parliamentary Secretary to the Board of Trade, with the title Secretary for Overseas Trade. The telephone number of the Department will be Victoria 9040.



## MARRIAGE

SCOTT—REID.—On March 19, John Fisher Scott, 72 Duke Street, Denny, to Lily Ann Clark, eldest daughter of the late Mr. William B. Reid, M.P.S., 41 Penrith Drive, Glasgow, W.2.

## DEATHS

BIGGART.—In a hospital at Glasgow, recently, Mr. Cornelius Milton Biggart, Cruachan, Kilmacollm, a former director of the Western Chemical Co. (Paisley), Ltd.

BEWGLAS.—In Edinburgh, recently, after a short illness, Mr. Frederick Bewglas, for twenty-five years representative in Scotland for H. & T. Kirby & Co., Ltd., and Thomas Morson & Son, Ltd.

BRANCH.—On May 20, 1945, Mr. George Thomas Branch, M.P.S., P.O. Box 112, Salisbury, Southern Rhodesia. Mr. Branch qualified in 1895. In 1913 he went into partnership with the late Mr. George Drakes, M.P.S., under the style Strachan & Co., Salisbury, which came under his sole control on Mr. Drakes' death in 1929.

COLMAN.—At Crown Point, Norwich, recently, Mr. R. J. Colman (J. & J. Colman, Ltd., Norwich). Mr. Colman was the son of the late Mr. J. J. Colman, M.P. He served at various times as H.M. Lieutenant for Norfolk, High Sheriff of Norfolk, sheriff of Norwich, mayor of Norwich, and High Steward of Great Yarmouth.

DAMS.—On May 5, 1945, Mr. Lawrence Evans Dams, Salisbury, Southern Rhodesia. Mr. Dams qualified as a chemist and druggist in 1922. For several years he was secretary of the Pharmaceutical Society of Rhodesia.

FULFORD.—At Headingley Castle, Leeds, on March 19, Mrs. Lily Alexander Fulford, widow of the late Mr. Frank H. Fulford (C. E. Fulford, Ltd.), aged eighty.

HEATH.—Recently, Mr. Horace O. Heath, cashier for Boots Pure Drug Co., Ltd., Nottingham, aged sixty-two. Mr. Heath had been with the company for forty-five years. He was a member of the Sherwood Lodge of Freemasons, and of the Welbeck Chapter. He is survived by a widow, one son and one daughter.

KAY.—In Nottingham City Hospital, recently, Mr. Henry Kay, M.P.S. Mr. Kay was in business fourteen years at 342 St. Ann's Well Road, Nottingham.

NODDINGS.—On March 6, Mr. Arthur William Noddings, M.P.S., formerly of

16 Albert Road, Levenshulme, Manchester, aged sixty-seven.

PAYNE.—On March 9, Mr. William Henry Payne, 34 Warwick Road, London, S.E. 5, aged sixty-eight. Mr. Payne qualified as a chemist and druggist in 1904.

RYVES.—On March 8, Mr. John Clement Ryves, M.P.S., 274 Sheffield Road, Tinsley, Sheffield. Mr. Ryves qualified in 1909.

## COMING EVENTS

### Tuesday, April 2

WEST HAM PHARMACEUTICAL ASSOCIATION and BRANCH, Lecture theatre, 17 Bloomsbury Square, London, W.C.1, at 7.45 p.m. Consideration of dates' policies. All pharmacists invited.

BLACKPOOL BRANCH, PHARMACEUTICAL SOCIETY, Palatine Hotel, Blackpool, at 7.30 p.m. Mr. A. L. Bacharach on "Penicillin."

BARKING, ILFORD, AND WEST ESSEX BRANCH, NATIONAL PHARMACEUTICAL UNION, Adel Hotel, 109 High Road, Ilford, at 7.30 p.m. Inaugural meeting. Mr. R. H. Kemp, M.C. (local organisations officer, N.P.U.) on "The National Health Service and Other Matters."

### Wednesday, April 3

SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY, Abbeydale Ballroom, Sheffield, 8 p.m. to midnight. Whist drive and dance. Tickets 4s. single; 7s. 6d. double.

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Lyons Cafe, 39 Silver Street, Durham, at 7 p.m. Three ten-minute talks followed by discussion.

BIRMINGHAM SECTION, BRITISH ASSOCIATION OF CHEMISTS, Chamber of Commerce, 100 New Street, Birmingham, at 6.30 p.m. Annual meeting. At 7 p.m., Mr. J. Stewart (honorary secretary of the Association) on "The Chemist as a Trades Unionist."

### Thursday, April 4

NEWCASTLE BRANCH, PHARMACEUTICAL SOCIETY, Crown Hotel, Newcastle, at 7.15 p.m. Mr. D. E. Sparshott, M.A., M.P.S., on "The Company Pharmacy, the Past, Present, and Future."

### Friday, April 5

BRITISH BRUSH MANUFACTURERS' ASSOCIATION, Connaught Rooms, Great Queen Street, London, W.C.2, at 10 a.m. Annual meeting and luncheon.

DERBY SECTION, BRITISH ASSOCIATION OF CHEMISTS, Ernest Turner private club, Spa Lane, Derby, at 7 p.m. Film show.

### Sunday, April 7

MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Buxton, Three Shires, and Manchester. Meet Central station, 8.45 a.m. Buxton return.

## COMPANY NEWS

**ANDERS PRODUCTS (LIVERPOOL), LTD.** (P.L.).—Capital £2,000. Manufacturers of chemicals, dyestuffs, essences, etc. Leslie H. Anders and Lennie Ratcliffe, directors. R.O.: 7 Brecon Street, Liverpool.

**C. HARRISON, LTD. (P.C.).**—Capital £500. To acquire the business of a chemist and druggist carried on by the executor of the late R. C. C. Harrison at Haslemere, Surrey, and Grayshott. Edith, Edith M., and Arthur C. Harrison, directors. R.O.: The Pharmacy, Headley Road, Grayshott.

**EXECUTORS OF T. EVANS, LTD. (P.C.).**—Capital £1,200. Chemists, druggists, manufacturers of and dealers in toilet and photographic requisites, etc. Doris E., Elsie P., and John B. Evans, Mabel A. Tice, Gilbert J. Marries, and James O. Pfenniger, directors. R.O.: 114 Upper Richmond Road, London, S.W.15.

**STACEY & CLASSEY, LTD. (P.C.).**—Capital £500. To acquire the business of a chemist carried on by Maurice H. Fitzgerald and James E. Bishop as trustees of Peter Stacey at Kingston Road, Teddington. Maurice H. Fitzgerald and James E. Bishop, directors. R.O.: As above.

**VANITY FAIR COSMETICS, LTD. (P.C.).**—Capital £2,000. To acquire the business of a manufacturing chemist carried on by Anatole P. Tapping as "Vanity Fair Cosmetics," at Elm Cottage, Pyrford, Surrey. Anatole P. de B. Tapping and John P. Hodge, directors. R.O.: Elm Wood, Lower Pyrford Road, Pyrford.

**ASSOCIATED CHEMISTS (LANCASHIRE), LTD. Blackburn.**—Mr. T. C. Robinson, M.P., F.C.S., general manager and director, has been appointed managing director.

**WIDLEY & Co., LTD.**—A final ordinary dividend of 9s. per share has been declared for the year 1945, making 65 per cent., as against 60 per cent. in the previous year.

**F. W. HAMPSHIRE & Co., LTD.**—A final dividend on the ordinary and A ordinary shares of 20 per cent., together with a bonus of 20 per cent., has been recommended.

**BIRHAM GROUP, LTD.**—Directors have declared a third interim dividend of 17 per cent. on the deferred capital, making a total distribution for the year ending March 31 of 32 per cent. (same). In addition victory bonus of 4 per cent. has been declared, bringing the total up to 36 per cent. (32 per cent.).

## PERSONALITIES

**MR. STANLEY HAYWOOD, M.P.S.,** 13 Mealhouse Lane, Bolton, has been elected president of the Bolton Chamber of Trade. Mr. Haywood raised during the war an amount of more than £12,000 for charities, and was commandant of the town's casualty service. He originated the £10,000 "gratitude" fund of the Mayor of Bolton for returning Servicemen, and was responsible for arranging a visit of the fourteen-year-old Spanish chess champion to Bolton to aid the fund. Mr. Haywood has been for twenty-three years on the executive committee of the Chamber; he is also vice-president of the local branch of the Pharmaceutical Society and chairman of the Bolton Reform Club.



**MR. A. FREDERICK CORFE, Ph.C.,** has been elected an alderman of the Kent County Council.

**MR. FRANK HARPAM, M.P.S.,** is contesting the East ward in the Sleaford, Lincs, urban district council elections.

**MR. HARRY S. JOHNSON, M.P.S.,** 760 Atherton Road, Hindley, Wigan, is seeking election to the local urban district council, on April 1.

**MR. E. MARGERRISON, M.P.S.,** Oakengates, Donnington and Newport, Shropshire, is the president for 1946 of the Oakengates Chamber of Commerce.

**MR. W. LEE** (chairman, Nottingham Branch, Pharmaceutical Society) has been returned unopposed for the Lowdham constituency in the Nottingham County Council election.

**THE HON. MARY BOOT,** a daughter of Lord Trent (chairman, Boots Pure Drug Co., Ltd.), is understood to be serving an apprenticeship at the Bond Street, London, branch of Boots, Ltd.

**MR. CHARLES B. ARAM, M.P.S.,** has been returned unopposed as the representative of Wellingore on the North Kesteven (Lincs) rural district council. He was the retiring member.

## LEGAL REPORTS

**Window-lighting Charge Dismissed.**—A charge against Frank Crossley, M.P.S., Ullswater Road, Blackpool, on March 15, of illuminating his shop window contrary to the regulations was dismissed on payment of costs. Crossley said the light had been switched on in error in daylight.

**Castor Oil Defence Reserved.**—At Clerkenwell, London, police court, on March 25, Joseph Watchel, manager of Remedies, Ltd., manufacturing chemists, Brewery Road, N.7, was charged with selling by wholesale without a licence to Ellis P. White, Ltd., eight drums of castor oil, contrary to the Defence Regulations. Ellis Philip White, Ptychley Crescent, S.E.19 (a director of the latter company), was charged with aiding and abetting, and Max Adler, agent, Golders Green, was also charged with aiding and abetting. It was stated that Watchel sold the oil to White after the agent (Adler) had been asked if he could find a buyer for what was described as some "damaged, contaminated vegetable oil." A detective inspector said that when the police took possession of the drums White was told they had reason to believe the goods were stolen property. The three defendants were committed for trial. They pleaded not guilty and reserved their defence.

**Excessive Price for Combs.**—At Penge police court, on March 12, Davy's Drug Store (Penge), Ltd., Central Exchange, High Street, Penge, London, S.E.20, were prosecuted for selling injected moulded tail combs at 1s. 2½d. above the maximum permitted price. For the Board of Trade it was stated that the summonses related to sales of combs at a price of 1s. 9d. each when the authorised maximum price was 6½d. A woman customer who purchased such a comb on October 6, 1945, complained to the local price regulation committee, and, later, on October 25, a Board of Trade inspector bought a comb at the same price. When the inspector asked the company's managing director to show the invoices, he was offered his money back. For the defendants it was pleaded that the chief counter-hand had told the manager that the price at which they had been selling the combs under the Order was ninnepence; being rather deaf, the latter had thought he heard her say 1s. 9d. The combs were sold by a junior assistant in the temporary absence of the chief assistant. Fines of £10 on each of three related summonses, with £6 6s. costs, were imposed.

## INSURANCE ACT DISPENSING

**Herefordshire.**—A speed-up in the rate of demobilisation was reflected in figures quoted recently at the quarterly meeting of the Insurance Committee. Of a total 4,812 insured persons of Herefordshire released from the forces and the auxiliary services since June 1945, 2,649 had been released since December 11, and there were no more doctors on the medical list awaiting release. A report from the Pricing Bureau showed that in the cost of prescriptions per person Herefordshire was ninth highest in the corresponding quarter of 1944. The total number of prescriptions dispensed was 26,938 compared with 28,608 during the corresponding quarter last year.

**Southampton.**—The Insurance Committee recently considered a communication that had been received from the Pharmaceutical Committee, stating that a meeting of chemists under contract with the Insurance Committee had unanimously passed a resolution urging that hours of service should be changed from 8.30 a.m.—1 p.m., and 2 p.m.—7 p.m. daily to 9 a.m.—6 p.m. (1 p.m. early closing day). The Insurance Committee passed a resolution pointing out that the suggested hours of service made no provision for the dispensing of prescriptions on Sundays and Bank Holidays, or for prescriptions marked "Urgent." They further suggested that the provision of a rota of chemists would keep open until a later hour should be considered. The Pharmaceutical Committee is being asked to submit an amended scheme.

**Liverpool.**—National Health Insurance prescribing under the Insurance Act during the quarter ended September 1945, is summarised in the following table:—

|                                      | 1945    | 1944    |
|--------------------------------------|---------|---------|
| Number of prescriptions received ..  | 338,410 | 368,610 |
| Total cost ..                        | £17,501 | £17,110 |
| Average cost per insured person ..   | 13.31d. | 13.17   |
| Average cost per prescription ..     | 12.41d. | 11.18   |
| Frequency per insured person ..      | 1.07    | 1.      |
| Insured persons on doctors' lists .. | 315,565 | 312,710 |

Prescriptions dispensed by chemists during the quarter were valued at £14,400. On January 1, 1946, insured persons in Liverpool numbered 358,653.



## THE BILL AND ITS EFFECTS ON PHARMACY

further examination of some of the proposals for administrative machinery, hospitals and specialist services, health and allied services to be provided by Local Health Authorities, Health Centres, general medical, pharmaceutical and other provisions, disciplinary action against practitioners, etc.

The main outlines of the National Health Service Bill, presented to the House of Commons by Mr. Aneurin Bevan (Minister of Health) on March 19, were given in a special 4-page supplement to THE CHEMIST AND DRUGGIST which was sent out to home readers last week. Since then there has been an opportunity to examine some of the details that had then, for lack of space and time, to be omitted, and to view in correct perspective the measure as a whole. The Bill comprises four Parts and nine Schedules, the subjects dealt with in each Part being as follows:—

- I. Central administration.
- II. Hospital and specialist services.
- III. Health services provided by local health authorities.
- IV. General medical and dental services, pharmaceutical services and supplementary ophthalmic services.
- V. Special provisions as to mental health services.
- VI. General (financial, administrative, etc.).

It will thus be seen that the interests of pharmacists are mainly restricted to Parts II and IV, but there are points in some of the other sections that deserve attention.

### Minister's Responsibility Defined

Part I, of two paragraphs only, lays on the Minister the duty of providing a comprehensive health service, and sets up a central Health Services Council, with an unspecified number of Standing Advisory Committees. Membership of the Central Council comprises the president or chairman of each of six medical colleges or organisations (Royal College of Physicians of London; Royal College of Surgeons of London; Royal College of Obstetricians and Gynaecologists; British Medical Association; General Medical Council; and Society of Medical Officers of Health), together with thirty-five other members appointed by the Minister, and including:—

- 2 medical practitioners (two with knowledge of mental illness and mental defectiveness)
- 2 persons experienced in hospital management
- 2 persons experienced in local government
- 2 mental practitioners

- 2 persons experienced in mental health services
- 2 registered nurses
- 1 certified midwife
- 2 registered pharmacists

Although selected by the Minister, the appointments of these members are made only after consultation "with such organisations as he may recognise as representative of those persons." Pharmacy thus has two representatives upon the central body which is in closest contact with the Minister; they are selected after consultation with a representative pharmaceutical body (which could quite well be the Joint Committee on a National Pharmaceutical Service); and there is a promise that one of the standing advisory committees, which may be composed partly of persons outside the Central Council, will be pharmaceutical. This is stated in the White Paper accompanying the Bill.

### Hospitals Regionalised

Hospitals, under Part II of the Bill, become the direct responsibility of the Minister. It is not necessary to go in detail into the machinery by which the responsibility is to be shouldered, once it is appreciated that all hospitals, whether municipal or voluntary, are transferred (as to their premises, equipment and furniture) to the Minister. Endowments, apart from those of the "teaching" hospitals, which are the subject of special provisions, are taken over by a Hospital Endowments Fund to be administered by the Minister and apportioned among newly created Regional Hospital Boards. These Boards, of which there will probably be sixteen or twenty for England and Wales, will carry out for the Minister the functions of administering both hospitals and specialist services in their own areas, including appointment of staffs, maintenance of premises and provision of equipment. Under the Regional Boards will be Hospital Management Committees for individual hospitals or groups of hospitals. On neither the Board nor the Committee are pharmacists represented, but members of both (number not stated) may include "persons appointed after consultation with such other organisations as appear to the

Minister to be concerned." Attached to each Regional Board will be an advisory appointments committee consisting of persons nominated by (a) the Board and (b) the Hospital Management Committee of the hospital affected.

### Services Directly Under Ministry

In addition to assuming direct responsibility for the hospitals, through the Boards, the Minister takes powers under the Bill to

(a) conduct research into any matters relating to the prevention, diagnosis or treatment of illness or mental defectiveness.

(b) provide a bacteriological service (which may include the provision of laboratories).

(c) make supplies of blood available for transfusion purposes to local health authorities.

The powers of teaching hospitals and Regional Hospital Boards to conduct researches are safeguarded in a special clause in the Bill.

### Local Health Authorities and their Powers

Statutory meaning is given in Part III of the Bill (local health services) to the term "local health authority" constituted by the county council or county borough council in any district. Provision is made for the linking of two or more local health authorities, if considered desirable, under a joint board. In practice, local health authorities will function by means of health committees of the county or county borough council. "At least a majority" of the health committee and of any sub-committees must be members of the authority.

Within a period to be specified, local health authorities must submit proposals for carrying out their duties in providing services under the following headings:

Health centres

Maternity and child welfare

Midwifery

Health visiting

Home nursing

Vaccination and immunisation

Ambulances

Prevention, care, and after-care.

Local health authorities may also, subject to ministerial approval, arrange for the provision of domestic help where needed. Under the arrangements for vaccination and immunisation, vaccines, sera or other preparations may be supplied by the Minister free of charge to local health authorities or medical practitioners. The

Bill annuls the Vaccination Acts, and thus brings to an end compulsory vaccination.

### Health Centres and their Control

The duties of the local health authority in the matter of health centres extend to providing, equipping and maintaining premises for all or any of the following purposes:—

a. General medical

b. Dental

c. Pharmaceutical ("by registered pharmacists")

d. Other required or permitted health services

e. Publication of information, delivery of lectures, display of pictures and films on questions relating to health and disease.

A point of importance to pharmacists arises from the list of prescribed functions. It will be noted that, as defined above, the powers of the local health authority are limited to the provision of premises. The immediately following clause requires the authority to provide staff for its health centres, with the proviso that

"a local health authority shall not employ medical or dental practitioners at health centres for the purpose of providing general medical or general dental services".

The medical and dental practitioners using the health centres for the purpose of giving medical advice or treatment will, in fact, be under contract with special Executive Councils (see below). Pharmacists, if any, will be directly employed by the local health authority.

### Local Medical and Allied Services

The fourth Part of the Bill—the part directly important to most pharmacists—governs the provision of general medical, dental, pharmaceutical and "supplementary" ophthalmic services to members of the public. All these become the immediate responsibility of an Executive Council exercising its functions in an area continuous with that of the local health authority. The latter body is, of course, elective, though there may be non-elected members of its health committee. The Executive Council, on the other hand, is wholly appointed by various authorities. Its membership is twenty-four, and a chairman appointed by the Minister. Appointment of members is as follows:

8 by the local health authority

4 by the Minister

7 by the Medical Practitioner Comm

by the Dental Practitioner Committee  
by the Pharmaceutical Committee  
comparing the Executive Council with  
nearest counterpart under the existing  
National Health Insurance Acts—the Insur-  
ance Committee—it will be seen that  
pharmacists gain the statutory right to  
two members on the Council, instead of  
being appointed to the Committee as a  
matter of expediency or policy, as at  
present.

arrangements for medical attention  
may be made by the Executive Council  
“at a health centre or otherwise.” The  
Bill provides for :—

Publication of lists of doctors providing  
general services.

The choice of doctor.

Distribution among doctors of lists of  
persons desiring medical services or  
who have not selected a medical  
practitioner.

The use of medical certificates where  
necessary.

A number of clauses govern the “distribu-  
tion of doctors, but of these clauses it is  
the principle, rather than the details,  
which concerns pharmacists. The decision  
whether an area is adequately served rests  
with the Medical Practices Committee, con-  
sisting of a chairman and eight other  
members, six of them medical practitioners  
and five of the six actively engaged in  
medical practice. All are appointed by  
the Minister after consultation with the  
proposed organisation of doctors (pre-  
sented by the Medical Practitioner Com-  
mittee) corresponding to the Committee  
under the present N.H.I. arrangements).

## Pharmaceutical Clauses Examined

Several clauses governing the right  
to practise medical practices involve no factors  
of professional concern to pharmacists, but  
the next succeeding paragraphs affect  
the most vitally. They relate to the  
provision of pharmaceutical services.  
As the clauses were given in full in the  
N.H.I. Supplement, it is not proposed  
to re-iterate them, but one or two points  
of interest may be picked out for comment.  
A noteworthy point is that the duty of  
providing pharmaceutical—as with medical  
services—lies with the Executive Council,  
which may provide them “at a health  
centre or otherwise.” On this Council  
pharmacists are, as already noted, repre-  
sented and it is this Council with whom all  
pharmacists in their own shops who elect

to take part in the Service will be under  
contract. Pharmacists at health centres,  
however, are directly employed by local  
health authorities. It follows that they  
are not in direct relationship with the  
Executive Council, the body on which  
pharmacy has its appointed representatives.

The right of the public to obtain drugs,  
medicines and appliances from any source  
on the published list (whether shop or  
health centre) is given effect under a clause  
which empowers—but does not require  
(see Editorial, p. 403)—the Minister to issue  
regulations under which the right is  
guaranteed. Any danger that health centres  
might be unfairly advantaged, *vis-a-vis* the  
pharmacist in business for himself, is thus  
expressly countered, so far as it is possible  
to do so by statute, and provided that the  
appropriate regulations are issued.

## Doctors' Dispensing to End

One of the most vitally important pro-  
visions of the Bill, so far as pharmacists  
are concerned, is a clause prohibiting  
Executive Councils “except as provided  
by the regulations,” from making arrange-  
ments for pharmaceutical services to be  
provided by medical practitioners to  
persons to whom they are rendering  
medical services. This means virtually  
the final separation of dispensing from pre-  
scribing, since it may be supposed that the  
exceptions will not exceed provisions for  
dispensing by doctors in remote areas not  
capable of supporting pharmacists.

Almost equally important is the pro-  
vision that arrangements for the dispensing  
of medicines shall be made only with  
persons who are registered pharmacists  
or “authorised sellers within the meaning  
of the Pharmacy and Poisons Act, 1933”  
(namely, pharmacists, corporate bodies  
having a registered pharmacist as superin-  
tendent, or, in a few specified instances, the  
representatives of pharmacists). In other  
words, there is to be no dilution of the  
profession under the Bill. Pharmacists  
are required to give an undertaking that  
all medicines supplied by them under the  
Service shall be dispensed either “under  
the direct supervision of a registered phar-  
macist” or by a person who acted as a  
dispenser for three years prior to December  
1911. The right of persons holding the  
Apothecaries' Hall qualification as dis-  
penser to act as assistants to apothecaries  
is perpetuated, but in view of the other  
provisions of the Act this need cause sma'll  
concern among members of the Pharma-  
ceutical Society.



## Dental and Optical Provisions

The dental provisions follow closely those of the medical, with the addition that a Dental Estimates Board will consider and approve estimates for dental treatment and appliances. A paragraph on "supplementary" ophthalmic services, which lays on Executive Councils the duty of arranging for the testing of sight by medical practitioners and opticians holding the necessary qualifications, and for the supply of appliances by opticians, suggests that these arrangements will eventually lapse. For, "where the Minister is satisfied that adequate ophthalmic services are provided under Part II of the Act, he may by order direct that this section shall cease to apply." The whole arrangement, in fact, is "without prejudice to the duty of the Minister . . . to provide, as part of the hospital and specialist services, services in connexion with the diagnosis and treatment of disease or defect of the eyes and the supply of optical appliances."

## Composition of Tribunal

Where representations are made that the continued inclusion of any person in a list of medical practitioners, pharmacists, dental practitioners, and persons providing supplementary ophthalmic services would be prejudicial, the case is heard by a specially created Tribunal. This is a body of three members. The chairman, a practising barrister or solicitor, is appointed by the Lord Chancellor. One member is selected by the Minister after consultation with "such associations of Executive Councils as the Minister may recognise as representative of Executive Councils." The third member of the trio is one of a panel of six persons (doctor, dentist, pharmacist, medical practitioner practising as oculist, optician engaged in sight-testing and optician engaged in dispensing) selected by the Minister after consultation with the appropriate professional body. The member of the panel who actually takes part in the Tribunal is the one corresponding to the profession of the person appearing before the Tribunal. Removal of name, or non-admission of name, to the Executive Council's lists may be decreed by the Tribunal, and an appeal lies with the Minister.

## "Inadequate" Services

In the event of the medical, pharmaceutical or dental services in an area being considered inadequate by the Minister after suitable inquiry, the Executive Council

may be authorised to make other arrangements. Disputes between Executive Councils and patients, or Executive Councils and local health authorities, are decided by the Minister either personally or through an appointee.

## Financial Provisions

Details are given in the Bill of the financial arrangements, so far as the relations between Ministry and local health authorities and other statutory bodies are concerned. What still remains to be decided by negotiation is the remuneration of doctors, pharmacists and other practitioners.

Editorial comment, p. 403. Statement by Joint Committee, p. 399.

## MEDICAL AND DENTAL REACTIONS TO BILL

FOLLOWING publication of the text of the National Health Service Bill, the British Medical Association, which is understood to have made arrangements for supplying each of its members with a copy of the Bill, has issued a public statement. The statement takes exception to a number of the proposals, particularly to the method of payment of medical practitioners by salary and the prohibition of the sale of practices, which, in the view of the Association, leads sooner or later to whole-time salaried service under the State. The Association objects to the absence of single co-ordinating authorities for medical services at the regional, local authority, and general practitioner levels, and urges that co-ordination should be established at the regional level. Four principles are put out as essential if the approval of the profession is to be gained for the Government's proposals. The principles are:

- (1) Opposition to any form of salary that leads "directly or indirectly to doctors becoming full-time salaried servants of the State or of local authorities.
- (2) Full freedom of doctors to choose the form, place and type of service they prefer without Government or other direction.
- (3) Title of all medical practitioners to participate in the public service.
- (4) Adequate representation on all administrative bodies associated with the new service.

The British Dental Association has issued a statement, in which it is suggested that the public is not to be given a choice of dentist under the scheme.

# JOINT COMMITTEE REPORTS UPON N.H.S. BILL

On the signatures of the joint secretaries (Messrs. H. N. Linstead and G. A. Munson) the Joint Committee "on a National Pharmaceutical Service" has issued a preliminary report on the National Health Service Bill. The report states:—

The Bill was given a first examination yesterday by representatives of pharmaceutical organisations, and certain tentative conclusions were reached. These will be submitted for discussion at the meeting of representatives of Branches of the Society and National Pharmaceutical Union and of Pharmaceutical Committees on April 9. They will be subject to consideration also by the executives of the organisations concerned. It is possible that they may be modified in the light of this examination, but it appears desirable that the results of the preliminary consideration should be made known immediately in order to assist pharmacists and others in studying it.

There is throughout the Bill welcome evidence that the pharmaceutical service is to be provided by pharmacists. It is not so far that pharmaceutical assistance and advice will be available throughout the administrative structure, and improvement in this respect either in the Bill or in the practical development of the service may be needed.

## Health Centres

A health centre, usually equipped with a dispensary, is to be a prominent feature of the new service. The development of the centres without co-ordination with the facilities in chemists' shops is likely to lead to unnecessary duplication. The freedom of the patient to take his prescription either to a health centre or to a chemist's shop will, however, afford the opportunity for pharmacists and companies engaged in pharmacy to make their full contribution to the maintenance and development of the new service at a high standard.

## Administration

The Central Health Services Council is to be the national advisory body to the Minister upon the whole of the Service. There is provision for two pharmacists among its forty-one members, which include, *ex-officio*, the presidents of the Royal Colleges and of other medical bodies. It would seem appropriate that the president of the Pharmaceutical Society, which

is the statutory national organisation for pharmacy, should likewise be a member *ex-officio*. The White Paper accompanying the Bill contains a welcome assurance that, among the standing advisory committees of the Central Council, there will be a standing committee for pharmacy. This will provide an opportunity for pharmacy to exercise substantial influence upon the development of the service as a whole as well as of the pharmaceutical service itself. The methods whereby pharmaceutical advice can be made available to regional hospital boards, hospital management committees, the boards of governors of teaching hospitals and the health committees of local authorities require further consideration.

## Pharmaceutical Staffs in Health Centres

The Bill indicates clearly that the pharmaceutical service in health centres is to be provided by pharmacists. It further provides that doctors and dentists, working in health centres, are to be employed by local Executive Councils, while the rest of the staff, presumably including the pharmacist, are to be employed by the Local Health Authority which provides the centre. It is probable that the pharmacist will have fuller freedom in the exercise of his professional functions if, like the doctor and the dentist, he is employed by the Executive Council. This will require careful examination by those familiar with pharmacy in the public services.

## Executive Councils

The Executive Council replaces the Insurance Committee and will perform similar functions. The two pharmaceutical representatives provided on it will not provide adequate representation, and the number should be increased to three. The Councils will have Pharmaceutical Committees, similar to the present committees. There will also be medical and dental committees. While provision is made for the representation of the local authority on the Executive Council, there is no provision for representation of the Executive Council on the health committee of the authority. In order to strengthen the connexion between the two bodies there should be provision whereby each of the local committees—medical, pharmaceutical and dental—has direct liaison with the health committee or with the appropriate sub-committee of that committee.



The separation of the functions of the doctor and the pharmacist is secured by a prohibition upon arrangements being made for a medical practitioner to provide pharmaceutical services, subject to exceptions by regulation. The general provisions for contracting with Executive Councils

follow broadly the lines of the present insurance machinery and are satisfactory.

The Minister takes power to provide refresher courses for doctors and dentists. This power should be extended to cover the provision of similar courses for pharmacists.

## AGENDA FOR REPRESENTATIVES' MEETING

THE secretaries acting for the Joint Representatives of the Pharmaceutical Society, National Pharmaceutical Union and Pharmaceutical Committees (Messrs. Hugh N. Linstead and G. A. Mallinson) have prepared the agenda for the meeting to be held in the Conway Hall, Red Lion Square, Holborn, London, W.C.1, at 2 p.m. on April 9. The chairman will be Mr. W. J. Tristram (chairman, Joint Committee on a National Pharmaceutical Service). The following items are included:—

**REPORT BY CHAIRMAN.**—This will deal with developments since the Joint Representatives' meeting held in June 1945.

**NATIONAL HEALTH SERVICE BILL.**—The following motions relating to the Bill will be moved by the chairman:—

(a) This meeting welcomes the recognition throughout the Bill of the principle that the pharmaceutical service is to be provided by pharmacists.

(b) This meeting is of the opinion that a development of the existing pharmaceutical services can adequately meet the needs of the new health service.

(c) This meeting considers that the president of the Pharmaceutical Society of Great Britain should be included among the office-holders who are members of the Central Health Services Council. (*Clause 2 and Schedule 1.*)

(d) This meeting welcomes the assurance in the White Paper that there will be a Pharmaceutical Standing Committee. (*Clause 2.*)

(e) This meeting considers that either by direct representation or through subcommittees pharmaceutical advice should be provided for Regional Hospital Boards, Hospital Management Committees, the Boards of Governors of teaching hospitals and the health committees of local authorities. (*Clause 11 and Schedule 3: Clause 19 and Schedule 4.*)

(f) This meeting welcomes the requirement that pharmaceutical services in health centres, where they are to be provided, are to be given by pharmacists. (*Clause 21(1).*)

(g) This meeting considers that the

pharmacist providing the pharmaceutical services in a health centre should be employed by the Executive Council and not by the health authority. (*Clause 21(2).*)

(h) This meeting considers that there should be three members appointed by the Pharmaceutical Committee upon the Executive Council. (*Clause 31: Schedule 5.*)

(i) This meeting approves the provisions for the creation of Pharmaceutical Committees, but urges the necessity for all local representative committees—medical, pharmaceutical and dental—to have direct liaison with the health committee of the local authority or with an appropriate subcommittee of the health committee. (*Clause 32: Schedule 4, Part II.*)

(j) This meeting welcomes the freedom of choice in the provision that a person shall be free to obtain medicines and appliances from any persons with whom arrangements under the Act have been made. (*Clause 38(2).*)

(k) This meeting welcomes the proposition as a general rule upon arrangements being made for a medical practitioner to provide pharmaceutical services. (*Clause 39(1).*)

(l) This meeting approves the provisions relating to persons authorised to provide pharmaceutical services. (*Clause 39.*)

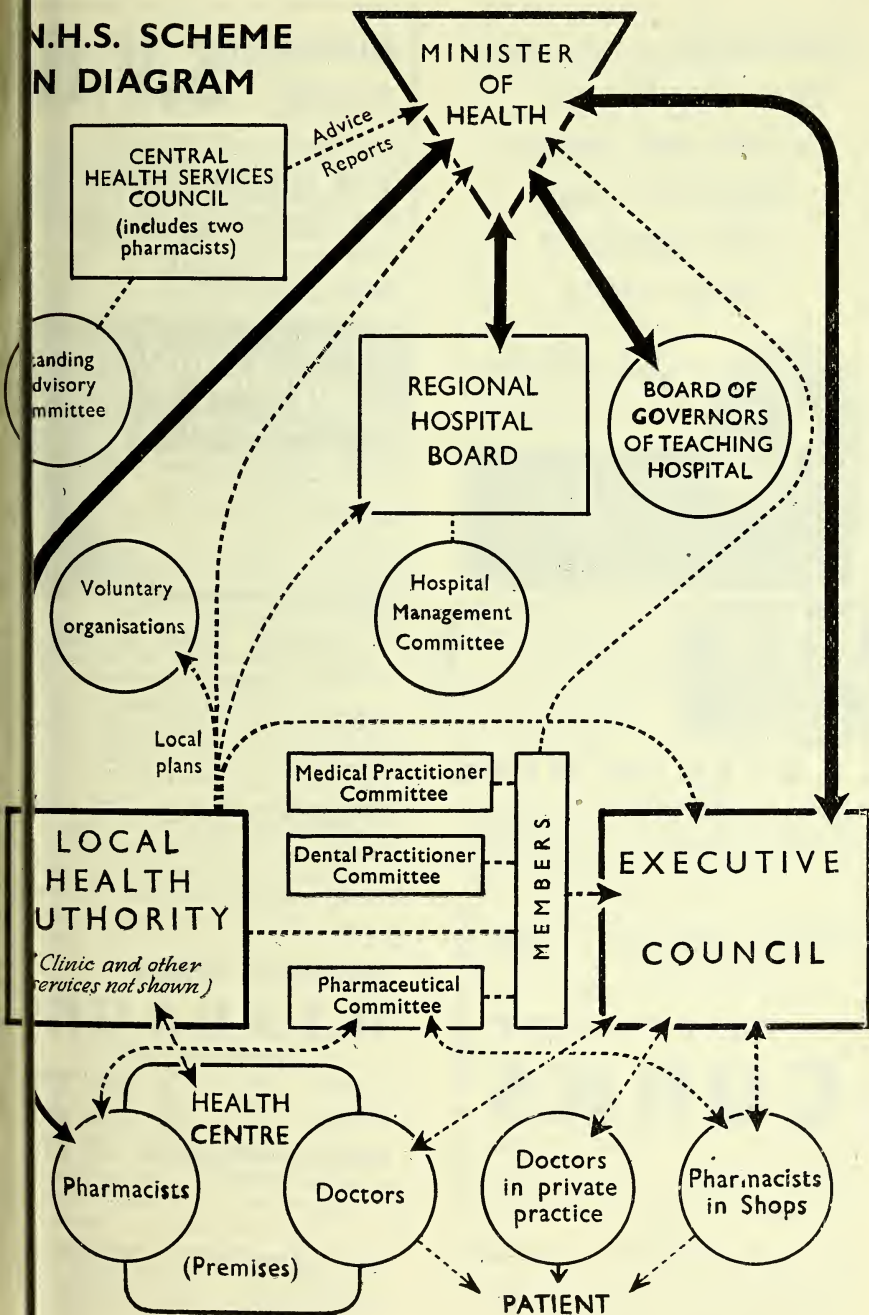
(m) This meeting approves the provisions relating to the disqualification of practitioners. (*Clause 42: Schedule 7.*)

(n) This meeting does not object to the Executive Council being empowered to make special arrangements where pharmaceutical services are inadequate, provided that the arrangements secure that the services are carried out by pharmacists. (*Clause 43.*)

(o) This meeting considers that the power of the Minister to enter into arrangements for the provision of courses for medical or dental practitioners should be extended to include arrangements for the provision of courses for pharmacists. (*Clause 48.*)



# N.H.S. SCHEME N DIAGRAM



'TRIAD' CHERRY Flavoured MALT & OIL

COLD CURE CAPSULES

'VYTINA' TONIC TABLETS

HALIBUT OIL & MALT

TONIC PHOSPHATES

TIN OX TABLETS



*John Bell*  
PRODUCTS

reliability remembered  
demand undiminished  
supplies somewhat short

JOHN BELL, HILLS & LUCAS LTD.  
Oxford Works, Worsley Bridge Road, S.E. 26

**D.C.L.**  
**VITAMIN B<sub>1</sub>**  
**YEAST**  
**TABLETS**

Each ounce contains a natural Vitamin B potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1.4 mgm. of Riboflavin, and 5.6 mgm. Nicotinic Acid. Each tablet contains 100 I.U. (approx.) Vitamin B<sub>1</sub>.

100 TABLETS 3s. 9d.  
50 TABLETS 2s. 3d.  
THE DISTILLERS CO., LTD.  
EDINBURGH

**GLASS BLOWING**

BENCH BLOWN

LABORATORY AND INDUSTRIAL GLASS APPARATUS. (Also REPAIRS)

G. C. AIMER & CO. 56-8 ROCHESTER PLACE,  
GUL. 3618 CAMDEN RD., N.W.1

**RANKIN BROTHERS & SONS**

(RANKINS PARTNERS, LTD.)

139 BERMONDSEY STREET, LONDON, S.E.1

for DISPENSING

**CORKS**

OWNERS OF THE FINEST  
CORK FORESTS IN PORTUGAL

THE

**C. & D. POISONS GUIDE**

1944 Edition now available. Up to date, Enlarged, exhaustively Revised. 7/9 Post Free.

THE CHEMIST & DRUGGIST,  
28 Essex Street, London, W.C.2

**BURROUGH'S S.V.R.**

James Burrough Ltd.  
1 Cale Distillery  
London, S.E.11

**TRAGACANTH**

SPECIALISTS IN B.P. POWDER  
SAMPLES AND PRICES ON REQUEST.

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,  
London, E.C.3.

MANsion House 1924 & 6600.

Estd. 1826

BETTER  
*Advertising*  
&  
MARKETING

40 years' success with proprietary lines of national and international fame enable us to offer our clients many solid advantages. Our advertising sells goods at the lowest on-cost.

**STUART HIRST, LTD.**

Survey House, 15 Bond Street, Leeds, 1



THE LIVERPOOL SCHOOL OF PHARMACY  
BLACKBURN PLACE, LIVERPOOL, 8  
Principal: H. Humphreys Jones, F.I.C., Ph.C.  
ROYAL 1429.

Preparation for the Intermediate and Qualifying Chemist and Druggist Examinations of the Pharmaceutical Society. Write to Principal.

**ATLANTCO & Co.** 8 rue Auber,  
Paris

offer you all kinds of  
Essent'al Oils & Lavender Oils for the  
making of high class French perfumes.

*Special Offer*  
**BANDAGES**

(HOSPITAL QUALITY)

6 yds. × 4" - 54/- per gross

6 yds. × 2" - 30/- per gross

**ANGEL WAREHOUSE CO. LTD.,**

74, UPPER STREET, ISLINGTON, N.1.

Telephone No. : CAN. 3247/8/9/40.

**INFORMATION WANTED**

Information with respect to suppliers of the following items would be appreciated:

Herbicide

Sinos

Tabs. decrodiol

# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

or RETAILER — WHOLESALER — MANUFACTURER

circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

*Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire*

OL. CXLV    MARCH 30, 1946    NO. 3451

## How Pharmacists Fare under the Bill

PHARMACISTS' first impressions of the National Health Service Bill, which was briefly summarised in a special supplement last week and is further examined in this issue, will, on the whole, be favourable. A number of solid gains emerge from the proposals, and any fears that pharmacists' business for themselves might be "nationalised" or suffer unfair competition from the pharmaceutical departments of health centres, appear to have been rendered groundless. Whether, in the long run, this proves to be so depends partly on pharmacists themselves. At present the public undoubtedly prefer the convenience, personal service and facilities for ancillary purchases which they secure at the shop pharmacy. Provided proprietor pharmacists keep abreast of all developments there is no reason why this state of affairs should undergo any change.

### Advantages

Among the benefits are the following:—

1. Doctors' dispensing for their own patients under the scheme is prohibited, apart from such exceptions—presumably to meet the needs of remote areas—as may be the subject of regulations.
2. Pharmacists are given two seats by right on local Executive Councils (the equivalent of Insurance Committees) instead of, as at present, by virtue of being nominated by the Ministry as a matter of courtesy, expediency or policy.

3. "Pharmaceutical services" at health centres are to be provided solely by registered pharmacists.

The first item above gives effect, of course, to a principle that was incorporated in the National Health Insurance Act, 1911, but the fact that the medical services now to be provided are nation-wide, instead of being restricted to employed persons of certain income groups, will result in an enormous increase in the volume of dispensing to be done by pharmacists in England and Wales. (Scotland is to be the subject of a separate measure.)

### Representation at Two Levels

The right gained to statutory representation is important, and it is established not only at the local level but also in the National Health Services Council from which the Minister is to receive advice and an annual report. There is the further satisfaction that one of the Standing Advisory Committees of the National Council is to be pharmaceutical. On the other hand there is what appears to be a significant gap in local pharmaceutical representation in that pharmacists at health centres will be employed as "staff" by the Local Health Authority and not, like the doctors, under contract with the Executive Council and only occupying health centres as tenants. Most pharmacists, we think, will consider that pharmacists included on the statutory list, whether they are in health centres or in shops, should both be in direct relationship with the Executive Council. In the absence of such a provision it is not less but rather more important that health-centre pharmacists should be represented on Pharmaceutical Committees, which the Minister is to recognise as "representative of persons providing pharmaceutical services." No doubt the point is one that will call for the attention of the Joint Committee on a National Pharmaceutical Service which, as has been announced, has lost no time in calling a meeting of representatives of branches of the Pharmaceutical Society and National Pharmaceutical Union, as well as of Pharmaceutical Committees.

When the Bill refers to the rights of persons to choose their pharmacist (either at a health centre or a shop) and of pharmacists to secure inclusion of their names on



lists of suppliers of medicines and appliances, it is not without ambiguity although the explanatory White Paper is admittedly reassuring. Regulations "may" be made to secure that any supply arrangements made enable any person to obtain drugs, medicines and appliances from any persons named on the published list. If such regulations are made, they will confer on pharmacists the right to be included on the lists of suppliers. If they are not made, what then? Is an Executive Council to be able to make arrangements for supply by health centres exclusively? No doubt the two pharmacist members of the Executive Council would have a word or two to say in opposition to such a procedure. To win the day, however, against, say, the combined vote of the representatives of the Local Health Authority and of the Ministry, they would have to sway all the doctor and dentist members plus the chairman. It may be that some assurance has privately been given by the Minister to pharmacy's representatives that the Government's intention is to introduce the permissive regulations, thus guaranteeing (a) free choice of chemist for the patient, and (b) assured opportunity to practise for every pharmacist in a given locality. If not, this matter also is likely to be raised at the meeting of representatives. It is fair to quote at this juncture a promise given categorically in the White Paper that accompanies the Bill: "Every properly qualified pharmacist who wishes to join in the new Service will have the right to do so."

#### Distribution of Pharmacies

On the vexed question of distribution of pharmacists the Bill is silent. By implication, chemists will have complete freedom to continue in, or to open a new, business in any area in which the regulations referred to in the preceding paragraph have been made. For the doctors, whose case is admittedly more obvious and more pressing, the inevitable difficulties are to be decided by a Medical Practices Committee, seven-ninths of which will be made up of medical men.

From real and possibly professional gains we pass to the big query left unanswered by the Bill: remuneration. To the extent or method of payment the Bill gives no clue,

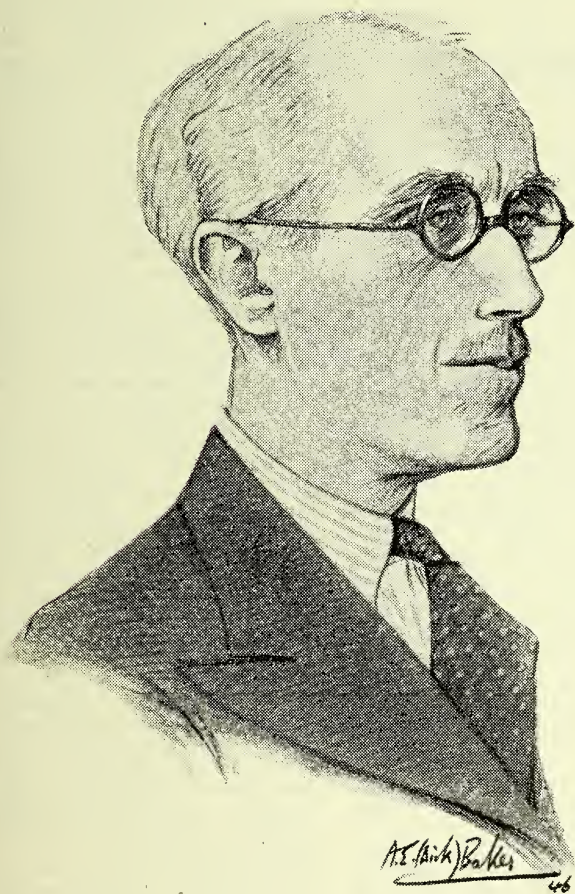
referring the whole matter to negotiation still to be carried out. The White Paper states: "Regulations, made in consultation with the professional organisations concerned, will govern the detailed terms and conditions, and rates of remuneration, which pharmacists participate in the new arrangements."

The value of recent moves to unite pharmaceutical interests in a common front is now obvious. Confidence so far shown the Joint Committee is justified in the light of the qualitative proposals, and there is every hope and should be every prospect that, when delegates have expressed themselves at the meeting on April 9, they will send forward their negotiators with the solid backing of a united profession.

#### Aid for Export

BRITISH export figures are rising in a manner that clearly indicates definite progress towards full recovery in this sphere of business enterprise. Although conditions for overseas trade are particularly favourable at the present time and are likely to remain so for some years, there are signs that the Government is fully alive to the need for long-term planning—for the time when it will be necessary to hold the export figures at the highest possible level. Among the more subtle aspects of export trade organisation, market research has a vitally important part to play. It is encouraging, therefore, to note that the Government intends to use the services of this branch of industry to the fullest extent in order to provide exporters with up-to-date information on conditions in overseas markets. Three separate channels of information are to be utilised. First, exporters are to be encouraged to send their own representatives abroad to study prospects and conditions on the spot. Secondly, commercial diplomatic officers and trade commissioners are to submit continuous general reports and economic reviews. And thirdly, information of a more specific character will become available as the result of investigations by experts specially qualified for this work. Armed with this information and the right kind of product at a competitive price, it is difficult to see how British goods can fail to sell ever-increasing quantities.

## CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS



**Mr. EDWIN W. BARSTOW, M.P.S.**  
Joint Honorary Secretary, The Guild of Public Pharmacists.

*No. 2. Specially drawn from life for The Chemist and Druggist*

## N.H.S. QUESTIONS AT EDINBURGH

MR. W. J. TRISTRAM, J.P. (a member of the Council of the Pharmaceutical Society), opened a discussion at a meeting of the Edinburgh Branch on March 14 (prior to publication of the Bill) with an address on "Pharmacy and The New Health Service." Mr. W. A. Beattie (chairman of the Branch) presided.

Mr. Tristram paid tribute to the Joint Committee for the arduous work and gave an outline of the progress made.

### Remuneration

Dealing with remuneration under the new health services, he thought branches throughout the country had shown great restraint and thought the time was now opportune for branches to consider the question. All would agree that they had never received adequate payment for pharmaceutical work, not even in Scotland, where payment was better than in England. Pharmacists would lose a certain amount by the competition of the health centre and would therefore need remuneration for professional work on a professional basis. He believed that the present N.P.U. tariff provided a satisfactory basis for negotiation and was not very different from the tariff already in operation in Scotland. He hoped members would not take up the attitude expressed in some quarters that they could afford to be independent of "panel" work, as it was essential that a patient should not have to make calls on two or three chemists' shops before finding one who was a contractor in the new Service. Chemists would be affected by the competition of the health centre, but the chemist's availability would bring him success and enable him to hold his own under the new scheme. It was doubtful if the pharmacist in the health centre would even see the patient who brought in the prescription. Pharmacists in England were looking forward to more pharmaceutical work in their shops. The position was a little different in Scotland, and pharmacists there should make sure that they would be remunerated under the proposals according to the special nature of their work.

### Discussion

In inviting discussion from the floor THE CHAIRMAN said that he was pleased to hear Mr. Tristram preach the gospel of "Pharmacy for the Pharmacist," and was particularly interested in his reference to remuneration.

DR. TAIT complimented Mr. Tristram on the magnificent way in which he covered the ground.

MR. JOHNSTON, Leith, asked whether the practice of testing prescriptions would cease under the new Service, and TRISTRAM replied that the matter would be dealt with by regulation, but would not come into the Bill itself. Testing was an undignified procedure but he would not at this stage, advocate its being stopped. He hoped it would not be necessary to continue the procedure for long.

MR. WILSON, Burntisland, hoped that the position of the pharmacist in Scotland would not be prejudiced by the conditions prevailing in England where rates of payment for National Health Insurance dispensing were lower.

MR. TRISTRAM thought it was possible that there was a case for a higher fee in Scotland than in England, as it had been proved to him while in Aberdeen that prescriptions in Scotland were of a more complicated nature than in the average pharmacy in England.

MR. CHARLESTON, Loanhead, asked whether counter prescribing and the sale of proprietary medicines would be affected by the Bill. MR. TRISTRAM thought the Government would require to deal with proprietary medicines in a different Bill altogether. He could not picture the Government providing a National Health Service for everybody in the country and, at the same time, allowing proprietary manufacturers to boost their medicaments. He thought that on the whole there would be less counter prescribing.

MR. MCKINLAY, Edinburgh, asked whether baby foods would be distributed at health centres or at the chemists' shops, and TRISTRAM said the point was not clear. It was possible that baby foods would be supplied on prescription and would be procurable at either the health centre or the chemist's shop.

MR. SOMERVILLE, Edinburgh, said under the National Health Service chemists would have to guarantee hours of service and there was no guarantee of payment. He felt that this would be felt particularly by chemists in rural districts, and that under such circumstances a flat rate of payment should be available. MR. TRISTRAM replied that they had not yet gone into the matter closely, but, so far as they had discussed it they felt that special consideration would have to be given where a pharmacist



service was required and the number of prescriptions likely to be received was not adequate.

MR. DRUMMOND, Edinburgh, asked members to send in any suggestions on remuneration for discussion by the branch committee.

MR. TRISTRAM, in reply to a question by MR. RITCHIE, thought it would be wrong for the doctor to tell the patient to

take a prescription to the health centre, just as, at the present time, a doctor must not direct patients to take prescriptions to a particular chemist. Replying to a question as to whether there would be any attempt to stabilise the type of apparatus in the pharmacy, MR. TRISTRAM answered: "Yes."

A vote of thanks was proposed by THE CHAIRMAN.

## SOCIETY'S PRESIDENT AT BIRMINGHAM

MR. J. C. YOUNG, Ph.C. (president, Pharmaceutical Society) opened a discussion at a meeting of the Birmingham Branch on March 12 with an address on "The Future of the Chemist's Shop." Pointing out that the National Health Service Bill would be pushed within a short time Mr. Young referred to the negotiations and conferences which had taken place with the representatives of pharmacy during the terms of office of three Ministers of Health (Messrs. Ernest Brown, Willink, and Aneurin Bevan). THE PRESIDENT suggested that alterations might be necessary with equipment, and with the hours of availability of an adequate dispensary service.

### Members' Views

MR. GUNN said that in the new plan the "Ps" stood out, the physician, the pharmacist, and the patient, and if pharmacists would always put the patient first they would have nothing to fear.

MR. OLIVER said that the Pharmaceutical Society should not miss the opportunity of eliminating the dispensing of medicines by doctors and securing the whole of this work for all time for the pharmacist.

MR. BUCHAN said that the public referred to had consulted the chemist. N.H.I. did not pay and unless very different terms were arranged he feared that the new service would not pay either. MR. WALSH urged pharmacists, whether company, general, co-operative, or private, to work together to see that everyone had a square deal. His view was that a challenge had been thrown out to the retail pharmacist to offer a better service than would be provided by the institutions. First-rate dispensaries up and down the country were essential, and many firms were already spending much money to enable them to dispense and issue the medicine under the modern conditions. Inspection of dispensaries by the Pharmaceutical Society was essential to raise the standard of service. MR. HEADING said health centres had

been in operation in Glasgow for about ten years and in the two latest ones she thought a higher standard than the retail dispensing service had been attained.

MR. LEIVERS deplored the introduction of political views and maintained that if a suggestion was good for the patient it should be adopted.

MR. HEADING thought that the problem was to provide a better service than the health centres, and that the question of shop hours had an important bearing on this. He pointed out that expensive apparatus like autoclaves must be used a certain number of times in a given period to make its purchase an economical proposition, and he wondered how the retail pharmacist would equip his dispensary adequately and secure a suitable return for his expenditure.

A vote of thanks to the president was proposed by MR. WALSH, seconded by MR. GOULDING.

**Dosage of Penicillin in Endocarditis.**—When first introduced, the results of penicillin in subacute bacterial endocarditis, both in this country and in the U.S.A., were not encouraging, and the fact was regarded as due to incorrect dosing. The Penicillin Trials Committee has investigated the position, and Dr. R. V. Christie, M.D., has given an account in the "Lancet" (March 16, p. 369), which provides evidence of the value of penicillin in subacute bacterial endocarditis. If penicillin is given for ten days or more, almost any system of dosage will occasionally give excellent results. Relapse is, however, more likely to occur if treatment fails to be protracted and intensive. It is probably true that inadequate treatment is prejudicial to later success. In previously untreated cases, 0.5 mega unit a day for twenty-eight days gave better results than any other system of dosage employed. Other patients are still under treatment and in a few instances treatment has been discontinued.

## IRISH DRUG ASSOCIATION PUBLIC DINNER

THE Irish Drug Association held its first public dinner in Dublin on March 5, when some 140 people were present. A sumptuous repast was interspersed with many speeches and a musical programme. Mr. Michael Costelloe (president of the I.D.A.) was in the chair, and the gathering included the president of the Pharmaceutical Society (Mr. J. K. Whelehan) with many members of the Council, a full representation from the I.D.A., both retail and wholesale, with many manufacturers; also members of Pharmaceutical sports clubs.

### Toast of the Association

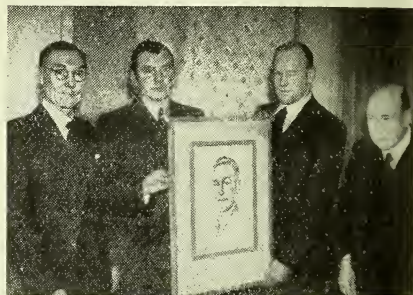
THE PRESIDENT of the Pharmaceutical Society of Ireland proposed "The Irish Drug Association." His task, he said, was easy, because everyone knew of the great work the Association had done from its inception. He was proud to say that they had with them at the table that night Mr. John Smith, one of the founders and the sole remaining president of the original body (applause). Mr. Smith was one of the pioneers who, in 1909, had set out to clear the trade jungle that then existed. He held that the Society should have a vital interest in its Licentiates when they qualified. Until such time as the dispensing and compounding department in every pharmacy could be shown to be an economic possibility for its owner, the Society should not be satisfied. Controls, which would continue for some time after the war, interfered with normal commercial life and upset the profit margin of chemists. That interference with profit margins could only be offset by increased fees for professional services.

MR. COSTELLOE, responding, said it was one of the proudest moments of his life to be able to preside over this first public function of the Association. He added his welcome to Mr. John Smith, and next welcomed "Paddy" Larkin and Andy Maher from Drogheda. He mentioned also Messrs. W. Hanley, Limerick, Peter Ronaghan, Monaghan, and Tom Quigley, Cork, who were present. As the years went on chemists began to realise that they did not live on equations and incompatibilities alone, but on the little concessions that might be granted by manufacturers and wholesalers.

### Presentation to Treasurer

MR. COSTELLOE later said that one of the most important functions of the evening was the presentation to Mr. McLean Lee of his portrait done by Mr. Sean O'Sullivan,

R.H.A. He would have liked to ask Mr. John Smith to make the presentation, but in view of the latter's years he would ask Mr. Lyall Smith to do so.



Presentation of portrait to Mr. G. A. McLean Lee. Left to right, Messrs. G. A. McLean Lee, M. Costelloe (president, Irish Drug Association), Lyall G. Smith and John Smith, one of the pioneers of the Association.

MR. LYALL SMITH said the occasion was very special because it was the twenty-fifth anniversary of Mr. Lee's election as treasurer. He felt particularly honoured in making the presentation, since Mr. Lee had attained his silver jubilee as treasurer during his own term as president. When Mr. Lee had become treasurer in 1920, he had found the finances of the Association in a bad way but, owing to his great work, he had put the Association on a firm foundation. Mr. Smith then presented the portrait to Mr. McLean Lee, and the company rose and sang "For He's a Jolly Good Fellow." Mr. McLean Lee, replying, said the fact that he had been re-elected annually by successive Committees he regarded as an honour, but that night a culminating honour had been done to him, which touched him deeply. "The Irish Drug Association," went on Mr. McLean Lee, "as it is now known, started in 1909 as the Dublin Retail Drug Association, which, if I may say so, laid the foundations of a new era for the chemist in this country. . . . I have been a member of the Committee for over thirty years, and I can claim a fairly intimate knowledge of the working of the Association. The men of the early days laid a good foundation, but I would like to pay tribute to the younger men who followed them, and who, during the past ten or twelve years, have expanded the usefulness of the Association."

"Our Guests" was proposed by Mr. P. A. BRADY and responded to by Messrs. P. C. CAHILL and IAN FERGUSON.

## EXPORT TRADE IN FEBRUARY

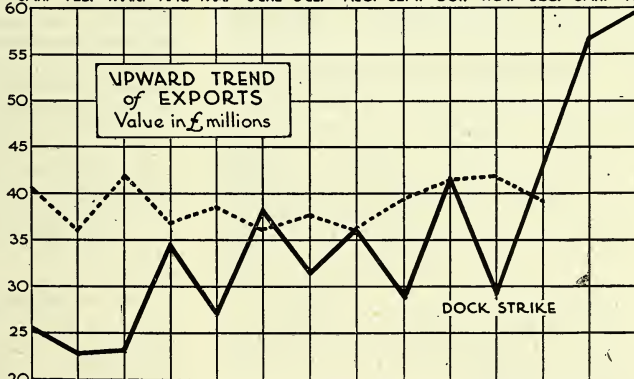
THE rising tendency of British overseas trade continued throughout February. Compared with the longer month of January, exports at £60 showed a rise of £2.9 million, an increase of one-sixth on a daily average basis. A glance at the graph on this page will show that the rise in exports came exceptionally steep after November, 1945, but a good deal of the activity during the two subsequent months may be attributed to the clearance of accumulated cargoes from the docks. As might be expected, the sharpness of the rise was somewhat diminished during February, but the trend continued upwards. It should be borne in mind, however, that the figures for 1945-46 and 1938 are not comparable unless an allowance is made for the difference in value between the two periods. Exports of the chemicals group during the month under review totalled £5.3 millions, compared with £4.8 millions in the previous month, and £1.8 million, the monthly average for 1938. The value of drugs, medicines and medicinal preparations exported rose by £230,000 to £1 million in February.

The table opposite gives comparative figures for January and February 1946, together with the monthly average for 1938, for exports of articles of particular interest in the drug trade. The figures are of value chiefly because they are expressed in terms of volume, so that comparison may be made irrespective of the value, which, in view of the general rise in costs, tends to be somewhat misleading. It will be noted that of the eighteen items in the list more than half show lower exports in terms of volume than obtained before the war, a not unexpected situation in view of the fact that some of the items, e.g. oils, quinine, soap, etc., are in short supply. The pronounced rise in the volume of "disinfectants, insecticides, weedkillers and sheep and cattle dressings (except tobacco offal and nicotine insecticides)" is interesting. Detailed figures in the accounts for February show that the largest

proportion of these goods went to the Argentine Republic (39,820 cwt.).

| Article  | January 1946 | February 1946 | Monthly average 1938 |
|--|--------------|---------------|----------------------|
| Cameras, <i>number</i>   | 13,814       | 15,472        | 23,040               |
| Castor oil, <i>tons</i> ..   | 66           | 223           | 512                  |
| Cod-liver, and other liver oils, <i>tons</i> ..  | 155          | 150           | 291                  |
| Disinfectants, insecticides, <i>cwt.</i>   | 63,121       | 77,118        | 31,458               |
| Essential oils, natural including mixtures of natural, <i>lb.</i> ..                           | 10,953       | 11,040        | 40,849               |
| Glass bottles, jars, etc., <i>gross</i> ..   | 38,156       | 26,380        | 25,306               |
| Glycerin, <i>cwt.</i> ..   | 20,517       | 24,867        | 8,798                |
| Groundnut oil, unrefined, <i>tons</i> ..   | 114          | —             | 3,035                |
| Gums, processed, <i>tons</i> ..  | 408          | 148           | 114                  |
| Linseed oil, <i>tons</i> ..  | 25           | 51            | 1,005                |
| Malt extracts, and infants' and invalids' foods containing malt, but not cocoa, <i>cwt.</i> .. | 697          | 1,080         | 2,797                |
| Quinine and salts, <i>oz.</i> ..   | 22,037       | 23,401        | 131,760              |
| Razors, safety, <i>doz.</i>  | 14,952       | 16,351        | 12,305               |
| Razor blades, <i>gross</i>   | 129,872      | 80,169        | 91,529               |
| Soap, toilet, <i>cwt.</i>  | 3,952        | 1,070         | 5,153                |
| Soap, other sorts, <i>cwt.</i> ..  | 5,290        | 5,650         | 7,152                |
| Stearine, <i>tons</i> ..   | 48           | 266           | 214                  |
| Spirits, perfumed, <i>liquid gallons</i> ..  | 734          | 760           | 2,607                |

JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC. JAN. FEB.



Solid Line — January 1945 - February 1946  
Broken Line — January 1938 - December 1938



## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### Mallinson Testimonial Fund

SIR,—Next month the National Pharmaceutical Union is celebrating its twenty-fifth anniversary and the Executive feel that the occasion cannot be allowed to pass without there being some acknowledgement of the great services of the secretary. George Mallinson left the offices of the Pharmaceutical Society in 1921, at the request of the Council, to found the Retail Pharmacists' Union (subsequently renamed) and for a quarter of a century he has worked with conspicuous success to protect the interests of retail chemists and to enhance their prestige. He has been largely responsible for the formation of the many valuable services and allied organisations associated with the N.P.U., and he has earned for himself a real place in the hearts of all pharmacists. It has been decided to institute a Mallinson Testimonial Fund, and all members of the N.P.U. are being invited to subscribe, but in addition there will be many others connected with pharmacy who may wish to be associated with the testimonial, and the purpose of this letter is to ask them to send their contributions to the treasurer, Mallinson Testimonial Fund, 78 Duke Street, Grosvenor Square, London, W.1. It is proposed to present Mr. Mallinson with a cheque and an illuminated album containing the names and addresses of all subscribers to the Fund, and we ask all who wish to support this testimonial to do so without delay. On behalf of the N.P.U. Executive—

E. A. BROCKLEHURST, *Chairman*.

A. RALPH MELHUISE, *Treasurer*.

### Pharmacists' Remuneration

SIR,—May I make one or two points on the coming National Health Service?

(1) We must not accept any conditions unless terms, approved by all the contractors—individually and collectively—are secured. There must be no "taking on the work and hoping for better remuneration later." That was the ruin of our position previously.

(2) In addition to fully adequate dispensing fees (based on "the rate for the job"), we should receive a premises or retainer fee all the year round, analogous to the present doctors' all-the-year-round fee, in return for being present and open to take on National Health dispensing.

(3) Nothing more than a rota system is necessary to provide essential service on

half-days, Sundays, etc., and between 6 each evening and 9 a.m. the following. It would be absurd for a large number of pharmacies to remain "on call" for a relatively small amount of really urgent dispensing outside a normal eight-hour day.

For proprietary medicines of all kinds, prescribed in N.H. scripts, full retail price should be demanded. After all, the makers of these preparations receive their ordinary price whether they are ultimately dispensed privately or on N.H.I. scripts.

Bath.

E. C. HASKIN

### Claims for DDT

SIR,—As a result of inaccurate newspaper stories many members of the British public are under the impression that DDT is an insecticide that kills all insects instantaneously. Dealers who display advertising matter which suggests that DDT (without suitable admixture) is suitable for use as an immediate killer are not only misleading customers but harming bona fide manufacturers.

HYGIENIC CHEMICAL CO., LTD.

BERNARD B. SYKES,

London, S.W.1. managing director

### Social Insurance

SIR,—In all probability the medical profession will be able to drive as satisfactory a bargain with the Government as they did over National Health Insurance. The young practitioner of the present day certainly has a smoother time than did his predecessors. I wonder if any C. & D. subscriber remembers a short poem published in your columns many years ago about fifty, if I remember rightly. I have forgotten all but the first verse:

He must not walk his rounds in case his patients think him poor,  
And dearly do they love to see a carriage at their door;  
And, if his horse is fat, "he can't have much work to do."  
And if it's lean, the reason is "He starved the poor old screw."

ARTHUR FLOO

### "Old Man Johnston"

SIR,—I have a feeling that there are some readers of the C. & D. who would like to hear how "Old Man Johnston" (eighty-six) is lasting, so a word on a personal note. The concise answer

air to middling." On the credit side : appetite and digestion excellent. On the debit side : Rheumatism (rather more than a spot " of it ! ), and what the dear old lady called " varry-coarse-veins." Embargo, the result of too much gardening during the war, has bent the back and slowed the footsteps. I would *not* like to go canyoning now ! The organs that give most anxiety are the eyes. One is blind with a cataract, and the other is, all too quickly, going the same way. The seeing eye is rather tired now, and it only remains for me to wish the P.A.T.A. a further few years of useful life and immunity from attack by its few remaining enemies. Wickenhead.

WILLIAM JOHNSTON.

### Cod-liver Oil and Compound

SIR,—As producers of Sevenses cod-liver oil for distribution exclusively through chemists' shops, we are perturbed at the possibility of unfavourable repercussions from your leading article " Rickets and its Remedy " (March 2, p. 275). We are, of course, aware that the Ministry of Food's issue of cod-liver oil compound is relatively unpopular. That it is not popular with trading pharmacists we can understand. We can even understand why it is not popular with the general public, who have to go through somewhat complicated motions before they can obtain supplies. However, since we took the cod-liver oil situation in hand, and put a really good, high quality virgin oil on the market (and kept it on the market during the difficult period of the war) the trade certainly has had no reason to complain of its popularity. Sale of cod-liver oil through the chemists' shops have, in fact, increased many times since the outbreak of war. Further, if present much increased sales of cod-liver oil through pharmacists were added to the amount distributed by the Ministry of Food, it could be found that any real basis for assuming any unpopularity for cod-liver oil would entirely disappear. To be quite fair to the Ministry, we must state that, during the whole period of the war, we have had every support possible from them to maintain supplies to the normal trade. In fact the only true conclusion seems to us to be that the Ministry's issue to date has done far more to help distribution through the chemists' shop than to hinder it. Your further suggestion that a vitamin-D preparation would be preferable to the present compound is not without grave danger to the pharmaceutical trade. If the complete solution to the problem of rickets were so

easy, the Ministry would have many non-pharmaceutical channels through which to distribute it, few, if any, of which would stimulate the chemists' sale of pure cod-liver oil. During the whole period of the war practically all our fishing vessels were on service with the Royal Navy. None of the oil used for making the Ministry's compound during the period was obtained from home supplies, nor did the oil reach the quality to which we have brought these supplies. The situation has now changed. Our fishing fleets, or as much of them as the war has left, are back at their normal job, and supplies of pre-war quality are rapidly becoming as abundant as in normal times. The future of supplies and of distribution through the chemists' shop is assured, and provided we have the full co-operation of the trade we think we can demonstrate to the Ministry of Food that at no distant date the emergency action which they were compelled to take in defence of the national health during the war is no longer necessary.

for BRITISH COD LIVER OILS  
(HULL & GRIMSBY), LTD.

K. MACLENNAN,

managing director.

Hull.

### The Mad Elephant's End

SIR,—With regard to the note of " Xrayser " in your issue of March 2 (p. 261) about Chune, the mad elephant, I see with some regret that he has missed out the more picturesque details which, whether true or not, were afterwards current. The soldiers from Somerset House had only five rounds each, which they fired and went away, and a frantic search for more firearms led to the loan of a small cannon from a nearby soapworks with which, plus two balls and the head of a poker, the animal was eventually slain. It is apparently the case that a large number of people had shots at Chune without much effect. Also it is said that on examination one of the tusks was found to be extensively decayed so that the " madness " of the elephant was actually toothache. These details were published in a magazine (probably the " Strand ") about forty-five years ago, and although I am speaking from memory I think the above notes are substantially correct.

Liverpool.

J. G. COCKBURN.

[ " Xrayser " writes :—Contemporary reports of this event may have owed something to hearsay and imagination. In one of the sources consulted by me the finishing stroke is said to have been administered by a sword fastened to a rifle.—EDITOR.]

## OVERSEAS TRADE NEWS

**Ethiopian Drug Imports.**—Imports of drugs into Ethiopia during 1945 were valued at 1,212,000 U.S. dollars.

**Dutch Committee for Synthetic Products.**—The Dutch Government has established a committee to advise on the further industrialisation in the sphere of synthetic products.

**Sulphur Production in Eritrea.**—A Nairobi message states that an attempt is being made to develop sulphur production at Morsa Fatma, south of Massawa, in Eritrea. The local product is said to be of very pure quality.

**Swiss Exhibition for Brazil.**—A permanent Swiss trade exhibition is to be opened in Rio de Janeiro in June of this year. A similar exhibition will be opened in Sao Paulo in August. Chemicals will be included among the exhibits.

**Dutch Buying Norwegian Whaling Boats.**—It is reported from Oslo that a Dutch whaling concern is making efforts to equip a whaling expedition for the next season and has purchased eight whaling boats from a Norwegian firm which lost its floating factory during the war.

**German Chemicals Production at Bitterfeld.**—A Zurich message states that the I.G. works at Bitterfeld, in the Russian zone of occupation in Germany, now employ 6,500 workers. Output includes washing materials, pharmaceutical preparations and photographic products.

**Austrian Trade Delegation in Switzerland.**—A trade delegation from Carinthia has arrived in Switzerland to arrange for the barter of Austrian goods for Swiss products. The delegation requires, among other items, supplies of aniline dyes and pharmaceutical products.

**East African Market for Indian Goods.**—A report from the Government of India Trade Commissioner in Mombasa states that there is a considerable and expanding market in East Africa for Indian soaps, toilet requisites and perfumes. The report stresses the necessity of suitable and attractive packaging.

**Sudan Gum Acacia Exports.**—Reuter reports from Khartoum that approximately 3,000 tons of gum acacia was shipped to India from the Sudan in February. This is a comparatively new market for such exports. Other reports indicate that a

similar quantity was exported to United Kingdom.

**U.S. Rubber Programme Ends.**—Rubber Development Co. agency of U.S. Government, established to produce rubber during the war years, announces that the rubber programme will end on March 31. During the war years, Nicaragua's exports of rubber were the second largest in the world, the most important source of supply having been Brazil.

**Savannah Rosin and Turpentine Market.**—With domestic buying of rosin reduced to meagre proportions only small operations were reported. Shortages of supplies of many ingredients for the manufacture of soaps, paints and synthetic resins were largely responsible for the lethargic state of the market. There was a fair volume of turpentine buying.

**U.S. Fats and Oils Controls.**—The Department of Agriculture is studying the possibility of increasing the second quarter allocations of fats and oils to soap manufacturers because the latter are critically short of those materials. The widespread shortage of soya beans has become increasingly evident with the Secretary of Agriculture's revelation that there are no soya bean crops in Manchuria.

**Norwegian Whaling Ship Damage.**—Reuter reports from Cape Town that a 14,000-ton Norwegian whaling factory ship, Sir James Clark Ross, has been partly disabled while operating on the fishing grounds 2,000 miles south-east of Cape Town and is making for Table Bay. She is under her own power and not in need of assistance, but the expedition has had to abandon hopes of obtaining more oil this season. The damage to the factory ship is a serious blow for the Norwegian and British Governments who had agreed to export for a month the whaling season which otherwise would have ended on March 31. It had been hoped that nine factory ships operating in the Antarctic would be able to make up for the disappointing results of the season. So far they have obtained about one-third of the amount of oil they had hoped to acquire. There is now little hope even with the extended season that the yield will be even half of what was anticipated as the weather is expected to deteriorate and drive most factory ships and catchers out of the Antarctic before they can avail themselves of the full period of extension.



## TRADE REPORT

Set quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include exceptional marine risk insurance and other abnormal charges payable under present conditions.

### 28 Essex Street, W.C.2, March 27

The past week has again been rather uneventful with the general tone of the markets subdued but quite steady. Business has been moving along somewhat slowly, with a noticeable falling-off in export trade. Prices have again been very stable. Steady conditions are reported in the PHARMACEUTICAL CHEMICALS markets with business no more than average at unchanged prices.

#### Crude Drugs

The situation in these markets has undergone little change during the past week. Business for home consumption continues quiet, while demand for export seems to have temporarily diminished. Price changes have been confined to alterations of a minor character. ANTIMONY is not in plentiful supply and the general tone of the market is firm. BUCHU LEAVES are in small supply on the spot at a price slightly under that quoted last week. Some African synthetic CAMPHOR is reported to have arrived, but the price mentioned is subject to official approval. CARDAMOMS are scarce and exceedingly firm. CASCARILLA is nominal but further supplies are expected. CLOVES are again easier on the spot. Brazilian MENTHOL continues in fair demand; prices are unchanged. Clove and Mangalore NUX VOMICA are reported landing. Some rough-round RUBARB has been booked for April-May shipment from China. DILL SEED is quoted easier. Supplies of TURMERIC now available are quoted for export only; the spot value remains nominal.

#### Spanish and American Mercury

News of mercury received during the week includes a dispatch from Madrid stating that Spain's production of the metal in 1945 amounted to approximately 40,000 flasks of 34.5 kilos each, or a total of 1,380 tons. Sales exceeded production by 10,000 flasks, the balance having been supplied from stocks. The 1945 production represents less than half the twenty-year record output reached in 1941 when 2,950 tons were produced. Production in the year preceding the civil war (1935) amounted to 232 tons. A New York message states that the demand for mercury in the United States is increasing and production has

almost reached the pre-war level of 22,500 flasks a year, after dropping to an average of only 15,000 flasks over the months following the ending of the war with Japan. Of fourteen plants closed down at this time, twelve are now reported to be back in production, while the remaining two concerns should be in operation before next year. It is estimated that there will be a greater demand for the metal in the post-war years with an annual consumption level at approximately 35,000 flasks. Wider applications of mercury are predicted by both producers and consumers.

#### Essential Oils

These items continue in good request but supplies outside the control scheme are negligible and would be quoted at high prices. No changes have been notified in the official prices of FIXED OILS during the week.

### U.S. Drug Market Report

New York, March 22

BRAZILIAN MENTHOL remains firm though demand is reported quiet; any further advance in the price would bring the material more in line with Chinese offerings which so far have been considerably in advance of buyers' ideas. The political tension as regards Spain has occasioned a considerable rise in the quotation for domestic MERCURY—it is felt that further purchases of the Spanish product are unlikely at the present time. ACETYL SALICYLIC ACID has moved into a tighter supply position and very little material is available for immediate delivery. There are ample supplies of ordinary grade COD-LIVER OIL but the higher potency varieties are more difficult to locate in substantial quantities. A shortage of raw materials is seriously hindering the production of BUTYL ALCOHOL and BUTYL ACETATE, it is reported by manufacturers. It is believed that there will be a PEPPER-MINT crop from China this year. Labour shortages present a most serious problem to the CRUDE DRUGS industry—domestic collections in the coming season will be far below normal, according to present indications. Importers are urging the quick delivery of outstanding shipments from Spain. Among the items received from that

country are ERGOT, SAGE, THYME, PAPRIKA, SAFFRON, CARAWAY, LIQUORICE ROOT and ACONITE. It is rumoured that the maximum prices relating to BLACK PEPPER and Ceylon CASSIA are to be increased. A sharp advance in the price of Indian RHUBARB ROOT featured during the week; spot material is now very scarce and the situation has been considerably agitated by large detentions by the Food and Drug Administration due to the bad condition of this imported material. Almost all available supplies of GOLDENSEAL ROOT have been taken up and a consequent advance in the quotation was noted towards the end of the week. Stressing their fears that ROTENONE will become exceedingly short in the coming months, U.S. importers of the material advised the Civilian Production Administration that the new one-year agreement with Chile for shipments from that country should be made under the present stable price arrangements at 18 cents per lb. (f.o.b. Iquitos, basic 5 per cent. rotenone content). This, it was stated, is in the interest of the Peruvian Government and its rotenone suppliers, ensuring a steady trade as against higher prices which may be offered by European bidders and later subject to severe downward fluctuation. Latest advices indicate that Chinese exporters are offering CASSIA OIL at \$3.35 and ANISEED OIL at \$2.25, both for prompt delivery.

### Pharmaceutical Chemicals

ATROPINE.—Current prices for the home market are as follows:—

|                    | Oz.   | 4 oz. | 25 oz. |
|--------------------|-------|-------|--------|
|                    | s. d. | s. d. | s. d.  |
| Alkaloid, B.P. ... | 42 6  | 42 0  | 41 6   |
| Sulphate, B.P. ... | 34 0  | 33 6  | 33 0   |
| Methylbromide ...  | 75 0  | —     | —      |
| Methylnitrate ...  | 75 0  | —     | —      |

BORAX.—Ton lots are quoted as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BROMIDES.—POTASSIUM, in quantities of 28 lb., is quoted at the following rates per lb. (containers in brackets): 3s. 2½d. (1-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 10½d. (28-lb.). SODIUM, 1½d. per lb. less, and AMMONIUM 1½d. per lb. more, than above prices. Prices are net without engagement. Resale clause applies.

DIAMORPHINE.—Current rates per oz. for small quantities are as follows: BASE.—½ oz., 58s. 6d.; 1 oz., 56s.; 2 oz., 54s. 6d.; 3 oz.,

53s. 9d.; 4 oz., 53s. 6d. HYDROCHLORIDE.—½ oz., 54s. 3d.; 1 oz., 51s. 9d.; 2 oz., 50s.; 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

ETHYLMORPHINE.—Small quantities are quoted per oz. by makers as follows: BASE.—½ oz., 61s. 6d.; 1 oz., 59s.; 2 oz., 57s. 6d.; 3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.—½ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

GLUCOSE.—Powdered monohydrate for home trade is quoted as follows: 14 lb.—28 lb. 14-lb. lots, 11½d. per lb.; 28 lb.—112 lb. 14-lb. lots 5s. 11½d.; in 28-lb. lots, 10½d.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

MAGNESIUM TRISILICATE.—Prices per cwt. in the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 9½d. (1-lb.); 3s. 8d. (4-lb.); 3s. 7d. (7-lb.); 3s. 6½d. (14-lb.); 3s. (28-lb.).

MANDELATES.—Makers' quotations are changed. SODIUM and CALCIUM.—4 oz., 8s. and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s.; 28 lb. (in 7-lb. packages), 15s. per lb. AMMONIUM (50 per cent. solution)—4 oz., 8s. and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb. Packages are charged extra and should be returned promptly.

PHENOLPHTHALEIN.—Unchanged at the following prices: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 1 cwt., 4s. 4d.

TERPINEOL.—Pure medicinal quality may be obtained at from 3s. 3d. to 4s. per cwt. according to quantity.

THEOBROMINE.—Current prices are as follows: ALKALOID.—Smalls, 44s. 6d. per 7 lb.—28 lb., 43s. SODIUM SALICYLATE.—Smalls, 26s. 6d.; 7 lb.—28 lb., 25s. 3d. Tins extra.

### Crude Drugs

AMMONIACUM.—Ordinary drop is quoted the spot at 2s. 6d. per lb.

ANTIMONY.—Supplies of metal are not plentiful; prices are as follows: Minimum 99.6 per cent. regulus, £132 10s. per ton; minimum 99 per cent., £125; 70 per cent. crude, for home trade, £105 per ton, delivered.

ARECA NUTS.—Dealers' prices are steady 85s. per cwt.; shipment, 55s., c.i.f.

BALSAMS.—Canada is firm on the spot 13s. 6d. to 14s. per lb., and Peru at 8s. 3d. per lb.; Tolu and Copaiba are unobtainable.

BISMUTH.—Steady at 6s. 8d. per lb. minimum 5-cwt. lots of metal.

BUCHU LEAVES.—Small spot supplies are available at 5s. 3d. per lb.

**CAMPHOR.**—Some American synthetic, recently arrived, is priced at 5s. 6d. per lb., subject to D.M.S. approval.

**CARDAMOMS.**—Scarce and very firm. Aleppy seed quoted on the spot at 8s. 6d. per lb., and Aleppy greens at 7s. 3d. to 7s. 6d. per lb.

**CASCARILLA.**—Quills are nominal at 3s. 6d. per lb. Further supplies are coming along.

**CHAULMOOGRA.**—Spot quotations for *Hydnorpus*, in tins in cases, are unchanged at 2s. per lb.

**CHILLIES.**—Quiet conditions obtain with lombasa, spot, at 150s. per cwt., sellers.

**CINNAMON.**—Small supplies of chips are offered on spot at 2s. 2d. per lb.; quills are unobtainable.

**CLOVES.**—Spot price of Zanzibar is again lower at 1s. 1d. per lb.; shipment, March-April, 9½d. per lb., c.i.f., buyers' licence.

**COCHINEAL.**—Spot quotations for silvers and acks are the same at 5s. 6d. per lb.

**COCOA BUTTER.**—Officially priced at 1s. 5½d. per lb., ex factory or warehouse, except under licence.

**COLOCYNTH.**—Good-quality pulp is steady on the spot at 2s. 6d. to 2s. 9d. per lb.

**DIGITALIS LEAVES.**—Quiet and unchanged. Portuguese, spot, 140s. per cwt.; English, 6d. per lb.

**GUM ACACIA.**—Kordofan cleaned sorts, in limited supply, is quoted on the spot at 67s. 6d. per cwt.; bleached is at 145s., and cleaned white at 42s. 6d.

**HENBANE.**—Spot quotations for Indian leaf are steady at 250s. per cwt.; Egyptian (*muticus*) at 85s.

**JALAP.**—Material testing 12.1 per cent. may be had on spot at 3s. 3d. per lb.

**KARAYA GUM.**—Indian No. 1 gum is quoted on the spot at 215s. per cwt.

**KOLA NUTS.**—Small spot supplies are quoted as follows: African quarters, 8d. per lb.; African halves, 6d.; Jamaican washed halves,

**MENTHOL.**—Brazilian continues in fair demand; price steady at 32s. to 35s. per lb.; bond, 30s.

**MERCURY.**—Prices are controlled by the control of Mercury (No. 11) Order, 1945 (S.R.O., 1945, No. 1129) (C. & D., October 13, 1945, p. 388).

**NUTMEGS.**—Scarce. Quotations are as follows: 80's, 4s. 3d. per lb.; sound unassorted, 7s.; wormy and broken, 3s. 9d.

**NUX VOMICA.**—Landing, Cochin, 45s. per lb.; Mangalore, 37s. 6d.

**PEPPER.**—Whole, not picked over or cleaned, sale to processors, is officially priced at 1s. 4d. per lb. for white pepper and 1s. per lb. for black pepper.

**PIMENTO.**—Spot sellers at 1s. 3½d. per lb.; bond, 122s. 6d. per cwt., c.i.f., buyers' licence.

**QUILLAIA BARK.**—Some parcels are afloat. Natural will be at 110s. per cwt., and cut at 130s., ex warehouse.

**RHUBARB.**—No supplies are available on spot. Some rough-round has been booked for April-May shipment from China. Price will be in the region of 15s. per lb., landed and duty paid.

**SARSAPARILLA.**—Some spot business is reported in native Jamaican at 5s. per lb.

**SEEDS.**—DILL is quoted easier at 100s. per cwt.

**TRAGACANTH.**—Selected grades continue scarce but the price is unchanged at £160 per cwt. Medium grades are quoted as follows: No. 1 white, £145 per cwt.; No. 2, white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to £15.

**TURMERIC.**—Supplies afloat but available only for export are priced at 85s. per cwt.

**WAXES.—BEES'.**—Quoted on the market as follows: Dar-es-Salaam, spot, 330s. per cwt.; shipment, March-April, 310s., c.i.f.; Benguela, March-April, 275s., c.i.f.; Abyssinian, March-April, 280s., c.i.f. CARNAUBA.—Fatty grey, 850s., nominal; chalky, 825s. nominal; prime yellow, 1,000s., nominal; shipment, fatty grey, 800s., nominal; prime yellow, 880s. nominal. OURICURI.—Spot, 8-9 per cent., 600s. per cwt.; forward, no offers. CANDELLA.—Spot, 425s.; shipment, unquoted.

## Essential and Expressed Oils

**CLOVE.**—English distilled bud oil continues to be quoted at 12s. 6d. to 13s. per lb., according to quantity.

**CASTOR.**—Bulk supplies of "firsts" are officially priced at £82 per ton and "seconds" at £80, both naked ex works.

**COCONUT.**—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

**COTTONSEED.**—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

**GROUNDNUT.**—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°-52°, £63.

**LINSEED.**—Fixed price of crude is unchanged at £65 per ton, naked ex works.

**OLIVE (EDIBLE).**—Drums, 25s. 9d. per gallon of 9 lb., ex wharf London. Prices charged by wholesalers are as follows: 33s. 6d. per gall. in 1-gall. loan cans; 34s. 3d. in ½-gall. loan cans; 35s. in 1-quart loan cans; 36s. per gall. in 1-pint cans.

**PALM KERNEL.**—Bulk supplies are officially priced as follows: Refined deodorised, £49 per ton; refined hardened deodorised, £53, naked ex works.



## TRADE MARKS

(From "The Trade Marks Journal,"  
March 13)

"VIGROW"; for fertilisers and manures (natural and artificial) (1). By H. W. Peabody & Co., of London, Ltd., 16 Eastcheap, London, E.C.3. 637,935.

"MODENE"; for preparations for use in dry cleaning (3). By Punica, Ltd., 27 Vauxhall Grove, London, S.W.8. 629,233.

"ELMARINE"; for laundry preparations (not containing soap), etc. (3). By Osogood, Ltd., Fruit Exchange, Victoria Street, Liverpool, 2. 636,022.

"PYOREX"; for tooth paste containing medicament (3). By Bailly, Ltd., Mount Pleasant, Alpertown, Wembley, Middlesex. B636,264.

"PARADOV"; for toilet preparations and perfumes (excluding soap) (3). By Societe d'Etudes et d'Expansion de la Parfumerie de Luxe, c/o A. W. Parfitt, Stafford House, Norfolk Street, London, W.C.2. 637,287.

"CLORBON"; for perfumes, lipstick, toilet preparations, mouth washes, soaps, depilatory preparations, bath salts, etc. (3). By G. Thornfield, Fortress Grove, 23-34 Fortress Road, London, N.W.5. 637,405.

"CABARAY"; for soaps, perfumery, toilet and cosmetic preparations, hair lotions and dentifrices (3). Also for pharmaceutical substances and disinfectants (5). By Cabaray Cosmetic Preparations, Ltd., 193 High Street West, Sunderland. 637,732-33 (Both Associated).

"HEALEX"; for liquid antiseptics for human and veterinary use (5). By Skol Products, Ltd., 23 Blomfield Street, London, E.C.2. B632,861 (Associated).

Device of a hammer, pliers and knife contained in a triangle; for pharmaceutical preparations and substances for veterinary use (5). By The Stud Co. (Manchester), Ltd., Atlas Mill, Chapel Street, Levenshulme, Manchester. 635,310.

"ROWAT'S"; for saline for medical purposes, for sale in Scotland (5), for vinegar, etc. (30). By The Grocer Supply Co., Ltd., 51 Tennant Street, Glasgow, C.4. 635,960; 635,962 (Associated).

"VETAKYNN"; for pharmaceutical preparations and substances (5). By J. S. Horridge and G. H. Horridge, 77 High Street, Tarporey, Cheshire. 636,729.

"DIESED"; for pharmaceutical preparations of acetyl carbomol for use as sedatives (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 637,080 (Associated).

"PEDALLO"; for medicated ointments (5). By Siebe, Gorman & Co., Ltd., Davis Road, Tolworth, Surrey. 637,346.

"SANELTEX"; for chemical disinfectants (5). By G. H. Elt, Ltd., Eltex Works, Bromyard Road, Worcester. 637,697 (Associated).

"SANPOLES"; for pharmaceutical analgesic preparations (5). By T. J. Smith & Nephew, Ltd., Neptune Street, Hull. 638,051.

"APHRODONT"; for pharmaceutical preparations and substances (5). By Savory Moore, Ltd., 61 Welbeck Street, London, W.1. 637,795.

"MERCURHYDRIN"; for a mercurial diuretic containing sodium salt of methoxymethylmercuriethylsuccinylurea with theophylline, and used in the treatment of oedema, cardio-renal disease and of nephritis, ascites, liver disease and other conditions (5). The Lakeside Laboratories, Inc., c/o Stewart Langner, Parry & Rollinson, 5-9 Quadrant Court, Chancery Lane, London, W.C.2. 637,862.

"MULTI-BETA"; for vitamin preparations (5). By White Laboratories, Inc., c/o McKee & Co., 14 Waterloo Place, Pall Mall, London, S.W.1. B637,609.

"INVICTA"; for scientific instruments and apparatus, etc. (9). By Invicta Radio, Ltd., St. Andrews Road, Cambridge. 636,744 (Associated).

"MARNA"; for brushes (21). By T. Chubb & Co., Ltd., Oast House, Bear Lane, Farnham, Surrey. 637,688.

"KIA-ORA"; for glass bottles (21). By Kia-ora, Ltd., 35-38 Rushworth Street, Blackfriars, London, S.E.1. 638,054.

"CRYSTOSE"; for non-medicated sweets containing glucose (30). By G. W. Taylor, 40 Duncombe Street, Walkley, Sheffield. 637,704 (Associated).

"NOAM"; for mineral waters, non-alcoholic drinks, syrups, etc. (32). By Hatikva Ltd., 97 Commercial Road, London, E.C.2. 637,429.

Letters "L A M P D," in circle; for fruit squashes and cranberry juice (32). By Lewis A. May (Produce Distributors), Ltd., Copthall House, Copthall Avenue, London, E.C.2. B637,964.

REGISTERED USERS OF REGISTERED TRADE MARKS, ENTERED IN THE REGISTER IN RESPECT OF THE GOODS STATED, WITHOUT LIMIT OF PERIOD SUBJECT TO THE CONDITIONS AND RESTRICTIONS PRINTED IN ITALICS.

Specification No. 629,520, by Monsanto Chemicals, Ltd., for insecticides, germicides, algicides, bactericides, fungicides and disinfectants. *The Trade Mark is to be used by the Registered User (who is to be the registered user while he remains registered) only so long as the Registered Proprietor or sufficient capital of the Registered User enable the Registered Proprietor to elect directors of the Registered User.*

(From "The Trade Marks Journal,"  
March 20)

"DUSHENKA"; for perfumes, perfumed soaps and toilet preparations (3). By Lu Eau-de-Cologne Co., Ltd., 179 High Street, Southampton. 637,327.

"NOMODUS"; for dust laying materials and substances (4). By The Dunedin Chemical Co., Ltd., 4 Albyn Place, Edinburgh. 629,462.

# SICCOLAM B.D.H.



FAT-FREE desiccant paste for the treatment of inflammatory conditions of the skin. Siccolam is the culmination of a long series of investigations, and its dermatological value has been confirmed by extensive clinical trial. The conclusion has been reached (Brit. J. Derm. & Syph., June, 1941, p.177) that '*... technical properties render this preparation superior to the many lotions, such as a calamine, zinc oxide lotion, etc., so commonly used ... hitherto for the same indications.*'

The advantages of Siccolam include—

1 Active in all inflammatory dermatoses. 2 Absolutely innocuous. No contra-indications in its use. 3 Effects immediate adsorption of fluid exudate. 4 Causes rapid relief of inflammation and pruritus. 5 Active in both acute and chronic conditions. 6 Can be used in conditions in which the use of fatty preparations is contra-indicated. 7 Simple and cleanly use, and dries rapidly. 8 Conveniently packed in screw-capped jars.

|                  | Wholesale | Plus Purchase Tax | Price to Medical Prof.<br>inc. Tax | Retail inc. Tax |
|------------------|-----------|-------------------|------------------------------------|-----------------|
| 2 oz. containers | 1/4 each  | 3d. each          | 2/- each                           | 2/3 each        |
| 4 oz. „          | 2/4 each  | 5d. each          | 3/6 each                           | 4/- each        |
| 1 lb. „          | 7/6 each  | 1/3 each          | 11/3 each                          | 12/6 each       |

A product of

THE BRITISH DRUG HOUSES LTD., LONDON, N.1



**BARBITONE**  
**BARBITONE**  
**SOLUBLE**  
**ALLOBARBITONE**

and now

**CYCLOBARBITONE**

All manufactured at Barnet by

**PIERSON, MORRELL & Co. Ltd.**

THE ORIGINAL BRITISH ASPIRIN MAKERS

**BARNET, Herts**

Telegrams: Pierson Morrell Barnet  
Telephone: BARNet 0723

**RELY UPON**

**Graesser**  
**QUALITY**

**PHENOL**

**ALWAYS**

**ORTHO CRESOL**

**CRESYLIC ACIDS**

**META-PARA CRESOL**

**XYLENOL MIXTURE**

All prepared and standardised under direct personal control.

**R. GRAESSER LTD**

The Chemical Works, Sandycroft, nr. Chester



REGD. TRADE MARK

**FINE CHEMICALS**  
**AND**  
**PHARMACEUTICALS**

Made by  
**PHARMACEUTICAL LABORATORIES GEIGY LTD.**  
National Buildings, Parsonage  
**MANCHESTER, 3**





TO THE PHARMACIST

*Creta Precip. B.P.*

TO THE COSMETICIAN

*Precipitated Calcium Carbonate Sturge  
and Aeromatt Chalk*

TO THE MANUFACTURER

who seeks a filler with dependable properties

*Precipitated Calcium Carbonate Sturge*

# STURGE CHALK

## A fine Chemical



JOHN & E. STURGE LTD · 1 WHEELLEYS ROAD · BIRMINGHAM 15

*Manufacturers of fine chemicals since 1823*



**GUMS**

Acacia  
Tragacanth  
Karaya  
Benzoin  
Copal  
Mastic  
Damar

**SHELLACS  
and  
WAXES**

Japan Wax, White  
Bees Wax, Candelilla  
Wax, Carnauba Wax  
In natural and powder  
form

Official Agents:

**ANGELO BROS. LTD**  
**SHELLACS**

Please note we are  
Members of:—

The Shellac Distributing Agency Limited  
The British Varnish Gum Merchants' and  
Graders' Association

**A. F. SUTER & CO. LTD.**  
15 Philpot Lane - London, E.C.3  
Phone: MANSion House, 2274/5

**Bush Beach & Gent Ltd****BRITISH MANUFACTURED  
POTASSIUM SULPHATE**

(Commercial and B.P.C.)

**COMMERCIAL GRADE 94/95% —**

Practically White

Available for prompt and early  
forward delivery

**B.P.C. GRADE**

Available for the moment in re-  
stricted quantities only. There  
are priority requirements.

**ENQUIRIES INVITED**

**MARLOW HOUSE, LLOYD'S AVENUE, E.C.**

Telephones: ROYAL 7077/8/9  
Telegrams: Beafredma, Fen, London  
Codes: A.B.C. 5th & 6th, Bentley's, Liebers.  
Private, Western Union 5 letter  
edition, Rudolf Mosse.

**Roura & Forgas, Ltd.****QUICKSILVER**

1/5 BROAD STREET PLACE  
LONDON, E.C.2

Telephone Nos.:  
LONDON WALL 5191/2

Manufacturers of **TANNIC ACID** (Bulk Supplies  
Only)  
**ALL QUALITIES**

**THE BRITISH DYEWOOD COMPANY LTD.**  
19 St. VINCENT PLACE, GLASGOW, C.1

Telephone: CENTRAL 4425

Telegrams: DYEWOOD

# GRAESSER SALICYLATES

LIMITED  
Manufacturers of Fine Chemicals  
**SANDYCROFT**  
CHESTER, ENGLAND

## PHENYL SALICYLATE B.P.C.

(SALOL)

Available in the form of  
Crystalline Powder for which  
we invite your enquiries

LUCULLUS  
BRAND



VERMOUTH  
HERBS for  
Export

CULINARY HERBS  
Packets and Bulk  
HERBAL SMOKING  
MIXTURE  
Bulk Quantity

**R. BROOKS & CO.**

(H. LUCAS J. L. H. LUCAS)

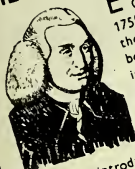
27 MAIDEN LANE

LONDON, W.C.2

Phone: TEMPLE BAR 9464-2891

## NAMES THAT HAVE MADE EDINBURGH FAMOUS IN THE REALMS OF CHEMISTRY

2843  
**WILLIAM CULLEN (1710-1790)**



ELECTED joint professor of  
Chemistry at Edinburgh in  
1755. Became sole professor  
the following July. In 1757 he  
began to give chemical lectures  
in the Edinburgh Infirmary.  
dealing largely with diseases of  
the most common types. His  
prescriptions were markedly  
simple, and he experimentally  
used and introduced many new and valuable  
drugs, such as Cream of Tartar,  
Powder and Tartar Emetic. He was the  
mainstay of the Edinburgh Medical School  
for many years, and took active part in  
preparing a new edition of 'Edinburgh  
Pharmacopoeia'.  
No. 1 of Series.

**T. & H. SMITH LTD.**  
Established 1827

WORLD RENOWNED  
FOR  
ALKALOIDS  
OPIUM  
DERIVATIVES  
AND  
FINE CHEMICALS



Aloin, Atropine, Bismuth Salts, Capsicin, Chloral  
Hydrate, Chloroform, Codeine, Diamorphine,  
Ephedrine, Gingerin, Ethylmorphine, Homatropine,  
Jalap Resin, Leptandrin, Morphine, Physostigmine,  
Podophyllin, Santonin, Scammony Resin, Strychnine

AND OTHER  
**PHARMACEUTICAL CHEMICALS & PREPARATIONS**

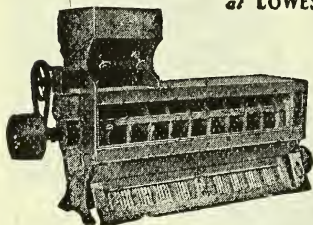


Head Office and Works  
Heatfield Road · Edinburgh 11

**BLANDFIELD CHEMICAL WORKS · EDINBURGH**

Glasgow : 32 Virginia Street, C.1  
London : 4 Carlos Place, W.1



**USED SUCCESSFULLY  
ALL OVER THE WORLD***For FINEST POWDERS  
at LOWEST COST*

All enquiries to  
**Wm. GARDNER & Sons**  
(Gloucester) Ltd.  
Bristol Road  
GLOUCESTER, Eng.

Telephone:  
Gloucester 2288  
(3 lines)

**GARDNER'S**  
Patent "QUICK-CHANGE"  
*fine*  
**POWDER DRESSER**

*English  
Filter*  
**POSTLIP**  
*Papers*

SQUARES  
CIRCLES  
FOLDED  
ROLLS

WHITE  
GREY  
PLAIN  
ANTIQUE  
EMBOSSED  
CRINKLED

SAMPLES  
FREE



*Postlip Filterings are stocked by all the leading Wholesale  
Laboratory Dealers*

*Evans, Adlard & Co Ltd*

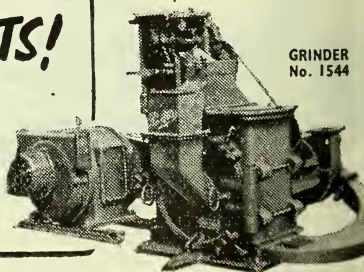
*Postlip Mills, Winchcombe, Cheltenham*

**CALL IN THE EXPERTS!**

The best way to ensure satisfaction in grinding is to call in the experts—Porteus. Not only do they know what exactly is required, but they can and do invariably advise on the best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?

**GEORGE PORTEUS & SONS (Leeds) LTD.**

LEEDS BRIDGE WORKS, LEEDS 10



GRINDER  
No. 1544

GP7a

**PARAGON RAZOR BLADES**

No. 4. ACORN



No. 2. SINGLE EDGE



No. 3. STROPPING

**SOLE MANUFACTURERS—**

**THE PARAGON RAZOR CO.**  
NURSERY WORKS, ELDON STREET, SHEFFIELD, 1

A credit to the Chemist's window, and a quick mover across his counter: this Glue has the strongest hold of any, AND STAYS SOFT IN THE JAR !!

Always  
Ready

# ACRABOND

SMARTEST PACK  
& NATIONALLY  
ADVERTISED

1/- and 1/6  
AND THE  
HANDCRAFTER  
SIZE AT 3/-

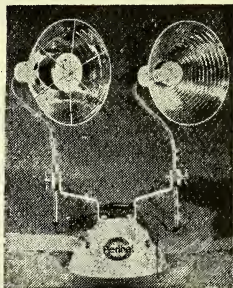
Distributed  
in Scotland by  
THE SOUTHERN  
MANUFACTURING  
CO. LTD.

187 St. Vincent St  
GLASGOW. C.2



RA WOODTURNING COMPANY LTD.  
g's Head Buildings, Cloth Hall Street, Huddersfield

## PERIHEL SUN LAMPS



**PERIHEL MIXRAY SUN LAMP**  
Combined Ultra Violet and Infra Red Table  
Model for Home Use. PRICE - £23.18.0

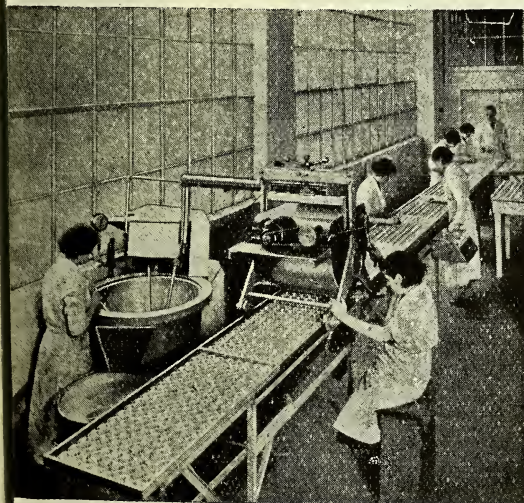
(Under medical prescription)

**PIRA INFRA RED TABLE MODEL**  
PRICE - £11.2.0

Chemists are invited to write for literature on  
new type models and list of Perihel Wholesalers

**PERIHEL LIMITED** (Dept. C.D.)  
17-19 Edge Street, London, W.8

Telephone: PARK 7870



## FILLING OINTMENTS with an ALBRO FILLER

8-valve type fitted with  
agitator. Output 8,000-  
10,000 tins per hour.  
There is an Albro machine  
for every filling need!

**ALBRO FILLERS AND ENGINEERING CO. LTD.**

Northampton Works, Watson's Road, Wood Green, London, N.22

Telephone  
BOWES PARK  
2217 & 2218



**ZEAL****Clinicals****The Choice  
of Experts****BRITISH  
MADE****NO HIGHER  
IN PRICE THAN  
NONDESCRIPT  
MAKES**Also Household, Bath  
and Works Thermometers,  
the best of their kind**G. H. ZEAL LTD.**LOMBARD RD., MORDEN RD.,  
LONDON, S.W.19

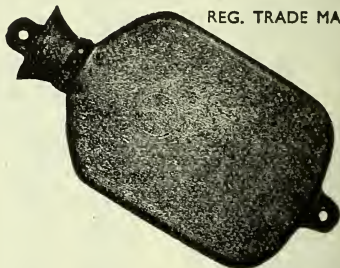
Phone a Liberty 2283-4-5



THE ORIGINAL BRITISH

**Reliance**

REG. TRADE MARK

**RESTRICTED PRODUCTION NOW  
BUT WE HOPE TO SUPPLY ALL CUSTOMER  
NEXT SEASON****RELIANCE RUBBER Co. Ltd**  
CREMORNE WORKS, LOTS ROAD  
LONDON, S.W.10

TELEPHONE FLAXMAN 6200-4263

**Surgical  
Dressings**LINTS · BANDAGES  
COTTON WOOL  
PLASTER MUSLIN  
MATERNITY PADS  
GAUZEONLY  
WHOLESALE  
SUPPLIED**Carus**  
OF DARWEN

HODDLES DEN MILL · HAMPDEN MILL · ATLANTIC MILL · SPOTLAND BRIDGE MI





*Dr. Herbert's*

## FOOT APPLIANCES

- ARCH SUPPORTS
- HEEL GRIPS
- FOOT BANDAGES
- INSOLES

made in a wide range of standard and adjustable fittings.

Prompt attention given to special orders and Doctors' prescriptions.

Write for full particulars to the Manufacturers:—

**MSA WORKS & HERBERT FOOT APPLIANCE LTD.**

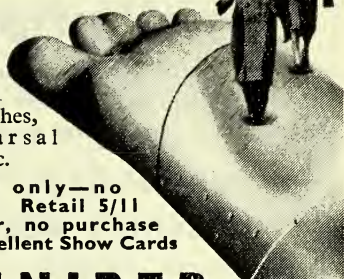
Peterson Street, Blackburn, Lancs.

## Instant Relief

from

foot troubles, fallen arches, metatarsal pains, etc.

4 sizes only—no fittings. Retail 5/11 per pair, no purchase tax. Excellent Show Cards



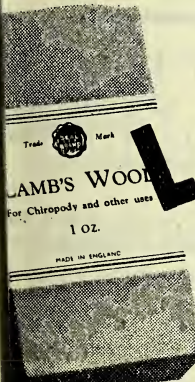
## OMNIPED ELASTIC FOOT CUSHION

5/11  
PER PAIR

To International Foot Appliances Ltd.  
92, Baker Street, London, W.1

Please send ..... dozen pairs assorted Omniped Foot Cushions, with Free show material, carriage paid at £2 9s. 9d. per dozen.

Fill in and attach this advertisement to your business note heading.



# LAMB'S WOOL

FOR

## CHIROPODY AND OTHER USES

Attractively packed in orange carton with transparent paper wrapping.

|         |   |   |          |       |   |   |           |
|---------|---|---|----------|-------|---|---|-----------|
| 1/2 oz. | - | - | 3/9 doz. | 2 oz. | - | - | 12/- doz. |
| 1 oz.   | - | - | 6/9 doz. | 4 oz. | - | - | 22/6 doz. |

## CORN PLASTERS

In boxes of twelve

|       |   |   |                |
|-------|---|---|----------------|
| Thin  | - | - | 4/3 doz. boxes |
| Thick | - | - | 4/9 doz. boxes |

## BUNION PLASTERS

In boxes of six

|       |   |   |                |
|-------|---|---|----------------|
| Thin  | - | - | 5/6 doz. boxes |
| Thick | - | - | 6/6 doz. boxes |

All prices subject to 33 1/3% Purchase Tax

# JAMES MACDONALD

WILKINSON STREET • GREENGATE • SALFORD 3

## A breakdown in distribution

of goods to retail shops would occur unless sufficient packing were available. Distribution depends on packages.

### ★ MORE WASTEPAPER ★ IS URGENTLY NEEDED

as raw material for cardboard boxes and fibreboard cases.

**IN YOUR OWN INTEREST** regularly salvage all old paper wrappings, cardboard, fibreboard cases, account books, etc., and dispose of them to your local wastepaper merchant or council.

WP45

## Merz & Co. Ltd.

MONUMENT BUILDINGS  
MONUMENT STREET  
E.C.3

## announce

that an Advertising Campaign is in full preparation to make more widely known their following C.F. line

## RECTO-THANOL

(FAT-FREE TREATMENT FOR HAEMORRHOID

AND

## GYNEX

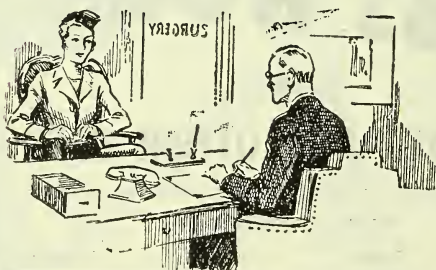
ANTISEPTIC AND PROPHYLACTIC  
FOR FEMALE HYGIENE

Both lines will be available in counter-display containers

Immediate deliveries

WRITE TO-DAY FOR SAMPLES & TRADE T

## PLANNED PARENTHOOD



1. Spermicidally efficient and clean in application.
2. Non-irritant and harmless to health.
3. Does not upset the vaginal pH value.
4. Free from irritant substances.
5. Keeps perfectly in tropical climates.
6. Prescribed extensively by the Medical Profession.

# GYNOMIN

TRADE MARK Regd. No. UK 509163

The Scientifically balanced  
antiseptic and deodorant contraceptive

RETAILS AT  
**3/6**  
PER TUBE  
OF 12 TABLETS

KEEP ADEQUATE STOCKS  
OBTAINABLE THROUGH YOUR WHOLESALE  
ETHICAL LITERATURE AND DISPLAY MATERIAL

OUR  
WILL  
CUSTO  
YOUR

COATES & COOPER LTD., NORTHWOOD, MIDDLESEX, ENGLAND



**2 Lines**

**— YOU SHOULD NEVER BE WITHOUT**



**'POROSAN'**  
Fruit Caps and Skin Rings (Recommended for the  
Oven and Water Methods) for sealing 1 lb. & 2 lb.  
Jam Jars.

In 3 Packs.  
One Pound (12 Caps and Rings)  
Two Pound (12 Caps and Rings)  
"Fifty-Fifty" (6 each size)  
3/4d.  
per doz. Incl. Tax.  
Spare Rings 10d. per doz. Tax Free.

**'POROSAN'**  
(Original)  
No. 1 Fruit Preserving Skin (Recommended for  
Water Method). Can be cut to fit any size or shape  
of jar or bottle and can be used over and over again.  
In rolls 1/6 (six 2 lb. jars)  
In rolls 4/- (eighteen 2 lb. jars)  
Tax Free.

**DON'T FORGET TO ORDER REPLACEMENT RINGS AS WELL**

Sole Distributors to the Trade:

**S. LAW, SON & SONS, LTD.** Aldersgate House, NEW BARNET, HERTS  
MARKETED BY POROSAN LTD., 65-6 CHANCERY LANE, W.C.2

TEL.: CANONBURY 3401

**BUCKLEY BOWKER TABLET CO. LTD.**  
**PARKFIELD STREET, LONDON, N.1**  
**OVER 40 YEARS PRACTICAL EXPERIENCE**

**COMPRESSED TABLETS** **EVERY KIND**  
(BULK or PACKED)

PRIVATE FORMULAS COMPOUNDED BY EXPERTS (Strictest Secrecy Guaranteed)

we have specialised many years in— **CONTRACEPTIVES** (Special Formulas), **TABLETS** and **JELLIES**

**FOR SCIENTIFIC AND MEDICAL GLASSWARE OF SUPERLATIVE QUALITY**

**RANCO-BRITISH**  
**ELECTRICAL CO. LTD.**

**FIRTH STREET GLASSWORKS**  
**LEEDS 9**



**Continuous and Steadily Advertised Goods  
FOR DESTROYING RATS AND MICE  
DANYSZ VIRUS**Retail Price (Protected) Net Wholesale Price  
Virus for Rats and Mice, single tube, 2/- 15/- per doz.

3 tubes, 5/-

Virus for Mice only single tube, 9/-

3 tubes, 3/-

Date-expired tubes returned to us postage paid will be  
exchanged free of charge.**Danzysz Virus in Liquid Form**Retail Price Wholesale Price  
Bottles 6/- each .. .. 4/6 each  
" 4/6 " .. .. 3/9 "**HALLER'S EXTRACT OF SQUILL and  
DANZO RAT KILLER**Discount off Retail Prices 25% Monthly Account, or  
33 1/3% Cash with Order.

| Retail              | Monthly A/c | Cash with Order |
|---------------------|-------------|-----------------|
| 1/2 gall. tins 10/- | 7/6         | 6/8             |
| 1 " " 18/-          | 13/6        | 12/-            |
| 5 " " 80/-          | 60/-        | 53/4            |

**DANZO BEETLE POWDER**

For destroying Blackbeetles, Cockroaches, Crickets, etc.

Retail Prices (Protected) Wholesale Prices

In cartons 9d. each .. .. 6/9 per doz.

" 1/6 " .. .. 13/6

" 3/- " .. .. 27/-

Danzo Beetle Powder will not deteriorate by keeping.

**CARRIAGE PAID ON ALL ORDERS**

To be obtained from

**HALLER LABORATORIES, LTD.**

325 Borough High Street, LONDON, S.E.1

Telegrams: "Virudana, Sedist, London." Telephone: HEP. 0877

**IZAL****ANTISEPTIC  
TOILET ROLLS****Price Reduction**As from March 1st, 1946, the price of  
Izal Toilet Rolls and Izal Interleaved Papers  
will be reduced to the following:—

Wholesale (per gross) Retail

**IZAL TOILET ROLLS 101/-**

PLUS P.T.

**IZAL INTERLEAVED  
PACKETS****82/- 11/-**

PLUS P.T.

Supplies of Izal Toilet paper are somewhat easier to  
obtain than in the past, and it is regretted that for the time being it is impossible to  
widen distribution. The requirements of every trade will  
continue to have individual consideration as in the  
the war years.**ONE TREATMENT  
CLEARS  
INFESTED HEADS**One treatment  
every fourteen days  
prevents infestation**IT IS  
UNDETECTABLE**SULEO is being advertised  
in Medical, Nursing and  
many other journalsObtain a small stock to  
meet the assured demand

Formulated with DDT/Geigy

**SULEO (DDT)  
HAIR EMULSION**

FOR

**PEDICULOSIS CAPITIS**

(HEAD LOUSE INFESTATION)

**3-oz. SPRINKLER BOTTLES, 2/-**  
(six treatments)**PINT BOTTLES, 8/9**  
(including tax)

Pharmacist's discount, 33 1/3%

A product of

**JEYES' LABORATORIES LTD., LONDON, E**

"Every case so far treated with D.D.T. emulsion has been cured by one application. This result is to be expected  
the duration of protection with D.D.T. exceeds the incubation period of the nits." (B.M.J., 26th March, 1945, page 400)

*Are you well stocked to meet  
the increased demand  
for Flyol?*

**Our NATIONAL  
ADVERTISING  
CAMPAIGN**  
*is now in full swing!*

These attractive FLYOL advertisements are appearing in the National, Provincial Evening and Weekly Newspapers, also in the important Magazines. FLYOL liquid and powder are well advertised products and the growing demand on the part of the public is a proof of customer satisfaction.

**ORDER FLYOL NOW** through your usual wholesalers, or, in case of difficulties, write to the manufacturers.

***Flyol***  
CONTAINING **D.D.T.**

IN LIQUID & POWDER FORM  
Prices Unchanged

★ Agents to the Chemist Trade :  
HARVEY SIMM & CO., 20 Friar Lane, Leicester.

**FUEX LIMITED, 27, ALBEMARLE STREET, LONDON, W.1.**  
FACTORIES: ST. HELENS & SITTINGBOURNE.



**LABELS  
OF  
DISTINCTION**

**FOR WHOLESALE MANUFACTURING  
& RETAIL CHEMISTS**

Medical and Dispensing Labels, Toilet, Cosmetic and Perfume, largest range of stock labels (attractive two-colour 50-60 wordings), Shampoo Powder Envelopes and Inners, also Saccharine Tablet Envelopes (new wording), with name and address. We can also offer multi-coloured advertising stamps in exclusive designs.

**NEW REGULATIONS—**  
Send 6d. for complete sample range

**CARILLON  
PRESS LTD**

*Artists in the Production of Fine Labels*  
**BOURNEMOUTH**

## INDIAN CRUDE DRUGS

*Largest Medicinal Herb  
and Drugs Concern  
B.P. and U.S.P.*

**Standard Crude Drugs, Gum  
Medicinal Oils, Powder  
Nuts and Roots, Pure Mus  
Snake Poison, Liquorice So  
Juice, Wax, etc., etc.**

*Prompt Shipment. Best Product.  
Reasonable Price. Enquiries Solicited*

**DRUGS OF INDIA (Farmer  
LTD.**

116/1/1 Harrison Road, Calcutta, IN

# INDIA

## CALLING TO

## PHARMACEUTICAL MANUFACTURERS

Consider the advantages of having your branded products made to your formulae and marketed in India. You save in manufacturing costs, freight, insurance, import duty and shipping space!

We are well equipped to undertake on your behalf preparation of tablets, ampoules, syrups, ointments, solutions and emulsions of any description.

Write or cable to:

**ORIENTAL PHARMACEUTICAL INDUSTRIES LIMITED**

Mahim, Bombay 16 (India).

Tel. Address : Opilworks.

Bankers : Bank of India Ltd., Bombay.

**CHEMICALS with a REPUTATION  
QUALITY and DEPENDABILITY  
behind them**

**BROMURAL  
CARBROMAL  
DIPHENYLHYDANTOIN  
SODIUM**

**Recognised as a dependable  
and economical source of  
supply, LEMKE & CO. offer  
you a wide range of fine  
rare chemicals**

Write or cable us your inquiries to:

**B. L. LEMKE & CO.**

*Manufacturing Chemists*

248-250 West Broadway, New York 13, U.S.A.

Cable Address: LEMORTEX, all codes



# SUN- GLASSES

- All fitted with Crooke's non-splint safety lenses
- Largest variety! Beautiful range of colours
- Moderate prices: From 6/9 each, retail
- Exempt from Purchase Tax

Obtainable through usual Wholesalers :—  
Saw & Son Ltd. Burge, Warren & Ridgley Ltd.  
retail & wholesale terms from :

**Errard, Walters & Co., Ltd.**  
6, HATTON GDN., NEW HOUSE,  
LONDON, E.C.1.

Telephone : HOLborn 5016.

LET

## "DEL MAR"

### OK AFTER YOUR INTERESTS

- Why would you grant your agency to any new established firm in Egypt?
- Why not enquire before granting your agency?

Société Anonyme des Drogueries d'Egypte  
late "E. DELMAR"

put at your disposal its large organisation,  
with a background of fifty years experi-  
ence in the pharmaceutical and drug trade,  
as well as in perfumery and cosmetics.

Head Office : CAIRO, 12 MAHDI STREET  
Branches : ALEXANDRIA and PORT SAID

1896 **P.A.T.A.** 1946

# JUBILEE YEAR

This year the P.A.T.A. celebrates its Golden Jubilee of service to pharmacy and the Drug Trade.

Since 1896, when the first concerted effort to stamp out the price-cutting evil was made, the P.A.T.A. has progressively contributed to the well-being and prosperity of pharmacy and the trade.

**The Price Maintenance System** of the P.A.T.A. has ensured through all these years that the wide range of proprietary articles — medicinal, veterinary, toilet and cosmetic preparations, infants' and invalids' foods— included in the Association's Protected List are sold at fixed retail prices bearing fair rates of profit.

In Celebrating the 50th Anniversary of its foundation the P.A.T.A. recalls with gratitude how much it owes to its Founder, the late Sir William Glyn-Jones, and to those pioneers of price-maintenance who supported him in the early days of his great crusade.

*Issued by*

**THE PROPRIETARY ARTICLES  
TRADE ASSOCIATION**

43, GORDON SQUARE, LONDON, W.C.1  
Telephone : EUSTon 3275-6

# BEAR BRAND HONEY

**BULK AND PACKED**

FOR MANUFACTURING  
AND TABLE USE

**L. GARVIN & Co. Ltd.**

BRANCH

**THE BEAR HONEY CO. LTD.**

**ISLEWORTH, MIDDLESEX**

Hounslow 3483/4.

**FINE**  
(Red Label)

**MEDIUM**  
(Green Label)

## OATREX

**KING'S SPECIALLY  
PROCESSED OATMEAL**

Only the pick of the Scottish Oat crop is used in its preparation.

ESPECIALLY SUITABLE FOR INFANTS  
YOUNG CHILDREN, INVALIDS  
AND THE AGED

### RETAIL SELLING PRICES

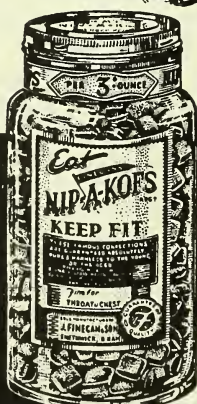
|        |               |               |
|--------|---------------|---------------|
| Medium | 1 lb. tin 1/4 | 2 lb. tin 1/2 |
| Fine   | 1 lb. tin 1/5 | 2 lb. tin 1/3 |

If undue delay in obtaining supplies, please get in touch with us:—

**GEORGE KING & CO., LTD.**  
Albion Food Mills, Kingsbury, N.W.

Sales Office: Kings of Kingsbury (Sales) Ltd.  
1 London Bridge, S.E.1

**FINEGANS**  
**NIP-A-KOP'S**  
REGD.



*The famous  
medicated  
Confections*

- NOT ON  
POINTS
- RATIONED  
SUPPLIES

SOLE MANUFACTURERS

**J. FINEGAN & SON**  
**SMETHWICK 40, Staffs**

## Cloister Herbal Tea

**AS ADVERTISED**

A gentle natural corrective for sluggish bowels. Purifies the blood, promotes sound sleep and regular habits.

### BONUS PARCEL for Display

|                              |        |
|------------------------------|--------|
| 1 of each size BONUS         |        |
| 1 doz. 7d. size              | 6. 0.  |
| 1 doz. 1/8d. size            | 18. 0. |
|                              | 24. 0. |
| Less 33 1/3%                 | 8. 0.  |
|                              | 16. 0. |
| Less 2 1/2% cash             | 5. 7.  |
| Purchase Tax                 | 2. 8.  |
| Cash with order              | 18. 3. |
| Selling price of this parcel | 29. 3. |

Your usual wholesaler will supply less 33 1/3% discount or, bonus parcel display as detailed alongside supplied direct by us. Attractive showcard enclosed with parcel.

**WHOLESALE  
DISTRIBUTORS  
WANTED**

**Campbell Laboratories**  
1a, TOTTENHAM COURT RD., LONDON, N.



## EASY ON THE EYES



The 1946 Lumicraft Sun Glasses are better than ever; more variety of models, better in design and quality. All are fitted with laminated, Crooke's type safety lenses. Models with reinforced sides and mitred hinges. Round and shaped lenses are available in various coloured frames.

## LUMICRAFT SUN GLASSES



Minimum orders of one dozen each shape. Early ordering is advisable. Particulars and prices on request.

### LUMINOS LIMITED

BELSIZE LANE, HAMPSTEAD, LONDON, N.W.3  
PHONE: PRIMROSE 1652

our customers  
will need **D. D. T.**  
the new wonder Insecticide Powder or Liquid  
1/- & 2/6

**NUTILIS PRODUCTS LTD.**  
32 Thames Street, Kingston-on-Thames

**HARVEY'S**  
Horse Remedies  
P.A.T.A. Protected Prices

Supplies can now be obtained  
through all Wholesale Houses  
**HARVEY & CO. (DUBLIN), LTD.,**  
DUBLIN



Meteor smashes the air speed records!

## NERVOIDS

smash attacks of 'flu, colds and the worst  
daches, neuritis, neuralgia, etc.  
our customers will appreciate your keeping ade-  
quate stocks this winter and the line shows  
generous profits on best terms.  
If you don't at present stock this line ask your  
wholesaler to supply or write direct to sole dis-  
tributors giving name of usual wholesaler.  
Sample size 3½d. for 5 tablets. Trade 24/- per  
doz plus 4/- P. Tax less 2½% for monthly pay-  
ments. 5% for fortnight's window display.

Distributors: **BENJAMIN BROOKS & CO.**  
Kirkheaton, Huddersfield.

## ANONA WINN



FAMOUS STAGE AND RADIO  
STAR IS APPEARING IN 83  
MILLION ADVERTISEMENTS  
FOR 'AURORAL' AND 'WINNER'  
DYES DURING 1946

### AURORAL

Cold Water Dyes

48/- GROSS

### WINNER

Home & Stocking Dyes

24/- GROSS

LESS 5% FOR  
CASH IN 7  
DAYS

## WHITAKERS OF KENDAL

Have you a

## PETS CORNER?



Have you weighed up the idea of making the dogs  
and cats in your district into customers? Pet  
welfare is becoming an increasing public interest.  
Pet owners are consulting experts about the health  
of their dogs and cats. Every chemist can turn  
these facts to profitable advantage by stocking  
George Bell's Blood Salts for Dogs, and Cat Powders

Send for trade price list to

**BELL & SONS, LTD.,** Veterinary Chemists  
LIVERPOOL 13

GEORGE

## BELLS

**BLOOD SALTS** for Dogs  
**CAT POWDERS**



NOW AVAILABLE

"Leda"  
BRAND OF

D·D·T

(GEIGY)

LIQUID SPRAY

Specially prepared for Household use.  
NON-INFLAMMABLE, NON-POISONOUS,  
NON-STAINING.

Ready for immediate use. Full directions  
on each bottle.

Also in Powder Form.

Samples and prices available to Wholesalers  
from Manufacturers.

LEDA CHEMICALS LTD.

94 ARCHWAY ROAD, N.19

ARC. 4544 &amp; 1024

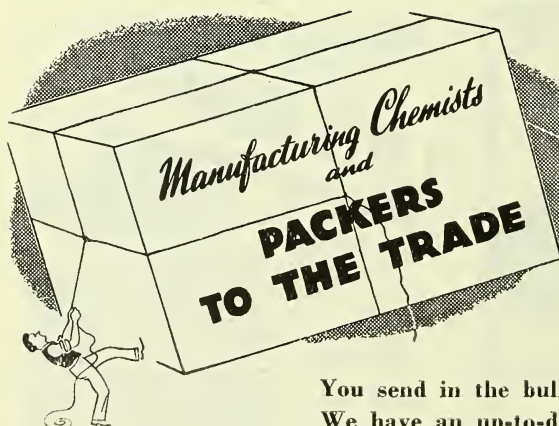
**VOLA SELTZER**  
GRANULES  
IN INCREASING DEMAND  
-ARE YOU READY?

A wide-  
spread advertising  
campaign in local news-  
papers has been released for  
"VOLA SELTZER" Granules.  
Strongly recommended for Headaches,  
Indigestion—Heartburn—Flatulence  
Biliousness—Over-Indulgence—and Fatigue.



**VOLA**  
**SELTZER**  
GRANULES

Retail 2/3 including Tax  
From your usual wholesaler or direct from  
**JOHNSON AGENCIES (Proprietaries) LTD.**  
Clarendon Works Croydon, SURREY



You send in the bulk and we will pack for you.  
We have an up-to-date factory and organisation  
capable of handling the distribution of your  
products on the most advantageous terms.

**P.A.T.A.**

Telephone :

STREATHAM 2196-5355

**ASHLEY & WEEKS LTD.**  
MITCHAM ROAD · LONDON, S.W.7

**FOR A  
QUICK SELLING  
LINE...**



**POWDERS**  
ALSO IN TABLET FORM

Made to a sound, approved formula. Extensively advertised and showing good profits.

MANUFACTURED BY A. S. PRICE LTD.  
Manufacturing Chemists, Blackheath, Birmingham  
A Few Areas open for Agencies

M-W 52



*Containers  
of*



*every  
Description*

**PERCENTA LTD.**

69-73 BOROUGH HIGH STREET, LONDON, S.E.1  
Tel.: HOP 1808, 3751

**PIONEERS**

*in Hormone Therapy*

**DOCA** Among the more important research conducted in the Organon Laboratories on hormone therapy has been much original work on DOCA (Desoxycorticosterone acetate). The early recognition of DOCA—possessing the biological activity of the suprarenal cortical hormone, and now used successfully in Addison's disease, advanced burn toxæmias and in treating other pathological or exhaustion states—contributed materially to the reputation of Organon Laboratories as pioneers in hormone therapy.

DOCA is supplied as an injectable oily solution. Ampoules and vials containing 2, 5 and 10 mg.

Technical literature on request.

**ORGANON LABORATORIES LTD.**

**BRETENHAM HOUSE, LONDON, W.C.2**

Telephone: Temple Bar 6785. Telegrams: Menformon, Rand, London.







TALKING IT OVER

# WHAT DO YOU WANT FROM THE PRODUCTS YOU SELL?

First... **QUALITY?** If you could read my post, you could not fail to be impressed, as I am, by the letters of thanks we receive from the public. We are proud to know that Koray Tablets are accepted as a standard for efficiency and purity.

**PROFIT?** The margin available is the standard for such merchandise. On quantity orders, extra discounts make Koray products as profitable to sell as any today. Attractively packed in display containers, they are counter lines which are handled with a minimum of trouble, easy to sell, clean, and requiring no speaking of bulk.

**PUBLIC DEMAND?** Hundreds of thousands of advertisements in the press, as well as cinema films and posters in busy thoroughfares and public vehicles, are telling the story of Koray everywhere, every day, and Koray is becoming one of the real leaders, if not the leader, of such merchandise in this country. We are somewhat short of display material but can offer to dress your windows at any time and if you will give us an indication of your wishes, our Publicity Officer will call and make all necessary

arrangements with a minimum of inconvenience for you. We can offer smart, colourful signs for affixing to your premises or any suitable place in your vicinity and thus help to link your pharmacy with our great national and local advertising campaign so that you too can share the vastly increased turnover our products are now enjoying.

**We of the House of Koray believe that our product offers you the answer to your problems, and we invite you to ensure that your stocks are sufficient to meet the demand, which, already great, is still increasing.**

My job is to see that our service to you is complete. If you feel that any increase in our co-operation is possible, will you please write me personally—I am anxious to be of the fullest service to you.

M.S.M.A., I.A.M.A.  
GENERAL SALES MANAGER  
KORAY LIMITED.



5 Tablets  $3\frac{1}{2}^D$

10 Tablets  $7^D$

THE HOUSE OF KORAY

25 HANOVER SQUARE - LONDON - W.1

## If you're out of one Recommend the other

**I**N these days, when, do what we will, we cannot always cope with demand, there is an added advantage in the two kinds of Parmint and their three sizes.

All our press advertising features both Parmints and mentions all their prices.

At the moment the 1/5 ready for use Parmint Syrup is in short supply. If you are temporarily out of stock, recommend your customers to take a 2/10 bottle or a 3/1½ bottle of the Parmint Concentrated Essences.



I N D

**PATA****INTERNATIONAL LABORATORIES LTD.**

1-3 SMEDLEY STREET · LONDON · S.W.8



### It's Illegal—

Maybe!—to use a distillation apparatus in one's bathroom without a very special permit. The Field Organisation, however, with its scientific planning, permits the products of distillation to be used for all fine perfumery and aids to beauty anywhere. Can we offer you our technical help?

*Field*

PERFUME COMPOUND SPECIALISTS

FIELD &amp; CO. (LABORATORIES) LTD., MOUNT PLEASANT, ALPERTON, MIDDLESEX



SOMETHING NEW IN CALAMINE TREATMENT

## ESOBAN CREAM OF CALAMINE

When your customers want something really good for skin complaints, recommend ESOBAN Cream of Calamine. This new development in calamine treatment incorporates the natural skin oils (unsaturated fatty acids) of ESOBAN OINTMENT and



has many advantages over ordinary calamine preparations. Promptly relieves irritation—soothing to the most sensitive skin. Advertised to doctors and nurses ACNE, ECZEMA, ERYTHEMA, HERPES, URTICARIA, CHAFING, etc.

4 Oz. Bottle **2/6** (inc. Purchase Tax)All Orders and  
Enquiries to

*Chas. F. Hackray*  
LTD

The Old Medical School  
PARK ST., LEEDS. 1  
Tel.: 20085

SOLE DISTRIBUTORS FOR SOUTHON LABORATORIES LTD. LONDON, S.W.8



CLINICAL PRODUCTS LTD  
RICHMOND, SURREY

manufacturers of

**MENOPAX**

PREPARATIONS

announce that

as from

APRIL 1<sup>ST</sup> 1946

MESSRS. S. MAW, SON & SONS, LTD

ALDERSGATE HOUSE, NEW BARNET, HERTS,

have been appointed

**SOLE DISTRIBUTORS**

for these preparations in Gt. Britain and Northern Ireland

★ Please send all orders to them at the above  
address





# MISCELLANEOUS OPPORTUNITIES

**For Sale.** 100 gross 7 dr. Eau de Cologne bottles with bakelite caps at 45/- a gross and 40/- gross 4 dr. International bottles with bakelite caps at 52/6 a gross. Carriage extra.

Apply **ORIENT LLOYD**  
46, MUSEUM STREET, LONDON, W.C.1

FOR SALE

## TOILET - BOTTLES & JARS

1 dr. up to 4 oz. Any quantity available, prompt delivery.

**ADA & CO. (Lon'on) Ltd.**  
7, DAWSON ROAD, LONDON, N.W.2  
'Phone: Gladstone 1213

## EXPORT MARKET

PERFUMES SUITABLE FOR  
BAZAAR TRADE, ALSO OINTMENTS,  
SHAVING CREAM, ETC.

Details and quotations on application to—

**Harman Dietetic Laboratories**  
LIMITED  
109, CRICKLEWOOD BROADWAY, N.W.2

1 oz. & 2 oz. squat Jars, 1 oz. & 2 oz. med. Bottles, 4 dr. & 7 dr. Perf. Bottles, 2 oz. fancy Bottles, Glass Tubes  $3\frac{1}{2}$  in. long 16 mm. dia., Mono Waxed Cont., Alu. Cont. without lids  $2\frac{1}{8} \times 1\frac{1}{2} \times \frac{1}{4}$  in. thick, Paint Tins  $\frac{1}{2}$  pt.-1 gall. 10 oz. Screwtop Cont. Tinboxes. Enquiries from fillers only to 960/822 C & D Office.

**FOR SALE** 1 ton SODIUM SESQUICARBONATE;  
5 cwt. PURE D.D.T.  
100,000 5-grain ASPIRIN TABLETS;  
2 cwt. YELLOW BEESWAX B.P.

**KLENFEX LABORATORIES LTD.,**  
327 LATIMER ROAD, LONDON, W.10.

**SAFETY RAZORS**, All Metal, Nickel Plated, will take any 3-hole slotted type of Gillette blade. Supplies now available at 14/- per doz. plus 33 $\frac{1}{3}$ % P.T. Immediate delivery. Postage 7d. extra on orders under 3 doz. Special terms to Wholesalers.

**MASCARA and NAIL VARNISH BRUSHES.** Metal stems. Length  $2\frac{1}{2}$  in. at 36/- and 17/6 per gross plus 33 $\frac{1}{3}$ % P.T.

**M. CLEMENTS LTD.**

(Please note new address)

76 UPPER BERKELEY STREET, W.1

## PACKING

We invite your enquiries for all types of packing. Particularly tablets.

All work carried out efficiently and guaranteed.

**T. J. FAVELL & CO., LTD.**  
192 Seven Sisters Road  
FINSBURY PARK, LONDON, N.4

Telephone: Archway 1846

## EX HARRINGTON BRAND ASPIRINS

EXCEPTIONAL PROFIT  
EXCLUSIVE PACK  
LONDON OFFICE: 2 BERRIDGE Grn. EDGWARE

### ENQUIRIES INVITED

FROM MANUFACTURERS OF COSMETIC AND TOILET LINES FOR FOREIGN MARKETS REQUIRING GOOD QUALITY BOTTLES & JARS

**H. S. BOTTLE CO. LTD.**

15a, Whitcomb St., Pall Mall East, London, W.1

### D. & P.—YOUR OPPORTUNITY

The "Ace" Photographic Service, famed for quality and reliability, can accept a number of new accounts, class work, no limit on quantity, rapid delivery, special prices, usual discount. This is a de luxe service. Trial order. Satisfaction guaranteed. Price list on request. **"ACE" PHOTOGRAPHIC SERVICE**, Dept. 3, 87-109a, Penny Street, Blackburn, Lancashire.

### All Lines in Demand.

**SHAFTO EGG PRESERVER**  
MODERN DRY METHOD

**MOTHENDA MOTH CASKET**  
IN BEAUTIFUL DISPLAY OUTERS

**KLOXO INSECT POWDER**  
PYRETHRUM D.D.T. (Geigy) and GAMMEX

**MOTHENDA MOTH FLAKE**

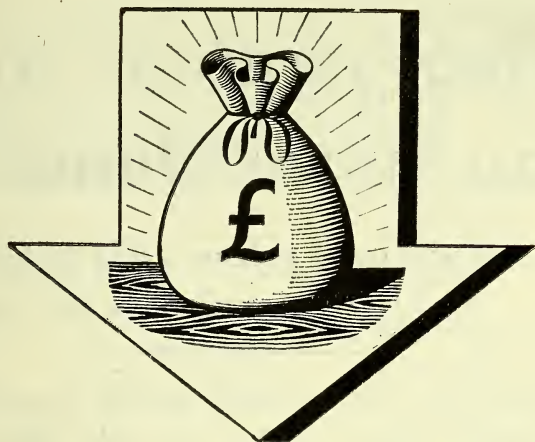
**SYRUP LUCOS — BRONCHIAL MIXTURE**

Full particulars from:

**LUCOGEN CO. LTD., Bromley, Kent**

**JARS FOR SALE**—4-oz. Round and Tall, wide mouth and screw cap. Available in large quantities—48/- per gross in lots of 10 gross more. Otherwise plus 10%, carriage paid. Orders in strict rotation until supply exhausted.

**BRICCAS LTD.,** Fortess Grove, Kentish Town, London, Gulliver 3474



## Famous foot aids—Fine business!

Thousands of people developed foot troubles during the war. Seeking relief they turned to Scholl's—the foot aids with the biggest reputation.

That impetus given by the war gathers momentum. The habit of foot-care with Scholl's is always steadily growing. Never was there a better moment to link up with our organisation. It's a most profitable step—with big possibilities for expansion. Stock and display the products listed below. The public trusts them and buys them continuously. Write for our price list and tell us your needs. Zino Pads, Tarso Pads, Felt Pads for corns, callouses, bunions. 2-Drop Corn Remedy, Bunion Lotion, all give prompt relief.

**SCHOLL MANUFACTURING CO. LTD.**



# SCHOLL

**182-204 ST. JOHN STREET, LONDON EC1**

# When mothers want to know more about M.O.F.

## *How and when this fortified Infant Cereal can be used*

M.O.F. is a finely sieved Infant Cereal processed for quick cooking. Here are some facts that you will find useful when recommending it.

### GENERAL USE

M.O.F. is recommended for general use in infant dietary from 5 months onwards, either added to a simple milk mixture or, later, as the staple part of a mixed diet. M.O.F. may be prepared with fresh milk or dried milk, and contributes significantly to the daily intake of the vitamins and minerals specified below.

### EARLY WEANING

When weaning has to take place at an early age, M.O.F. may be given from 3 months. Because it increases the calorific content of a simple milk mixture, M.O.F. is particularly beneficial to the under-weight infant at this stage.

### SUPPLEMENT TO BREAST MILK

At the time when breast milk starts to diminish it may be supplemented with feeds of M.O.F. mixture. In this way partial breast feeding may often be maintained for a further period, to the benefit of both mother and child.

#### COMPOSITION OF M.O.F.

| Per cent.                    | Grams per 100 g.           |
|------------------------------|----------------------------|
| Fat . . . . . 6.2            | Fat . . . . . 1.           |
| Protein . . . . . 10.7       | Protein . . . . . 2.       |
| Carbohydrate . . . . . 70.0  | Carbohydrate . . . . . 19. |
| Mineral Matter . . . . . 2.7 | Mg. per 100 g. . . . . 5   |
| Fibre . . . . . 0.2          | Iron . . . . . 120         |
| Moisture . . . . . 10.2      | Calcium . . . . . 150      |
|                              | Phosphorus . . . . . 150   |

|   |                          |
|---|--------------------------|
| Vitamin B <sub>1</sub> as Aneurin Hydrochloride . . . . . | Per 100 g. . . . . 0.079 |
| Vitamin D . . . . .                                       | 600 I.U.                 |
| Calories . . . . .  | 1                        |

*Compare this with any other Infant Cereal*







# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

MARCH 30  
1946

28 ESSEX STREET, LONDON, W.C.2

## CLASSIFIED SUPPLEMENT ADVERTISEMENTS

All classified advertisements must be prepaid—those not accompanied by remittance will be held over pending payment. Advertisements received after FIRST POST WEDNESDAY of week of issue will not be inserted until the following week.

### THIS IS THE TARIFF

#### AGENCIES, PATENTS.

GOODS FOR SALE,

PARTNERSHIPS.

PREMISES TO LET,

FOR SALE OR WANTED

7/6 for 36 words or less,

2d. for every additional word.

MISCELLANEOUS SECTION (for Wholesalers, etc.), for odd and second-hand lots—12/6 for 60 words or less, 1/- for every additional 10 words or less.

SITUATIONS WANTED—2/6 for 18 words or less. 1d. for every additional word.

EXCHANGE COLUMN (for Retailers, etc.)—2d. per word, minimum 3/-.

Box Office Numbers 1/- extra

Postal deliveries are still uncertain so please send instructions as early as possible to THE CHEMIST AND DRUGGIST, 28 Essex Street, Strand, London, W.C.2

#### LEGAL NOTICES,

SALE BY AUCTION,

TENDERS—AND ALL

SPECIALY SPACED

ANNOUNCEMENTS

1/9 per nonpareil line. (12 lines

= 1 inch, single column.)

#### BUSINESSES for DISPOSAL

#### BUSINESSES WANTED

#### SITUATIONS OPEN

7/6 for 40 words or less, 2d.

for every additional word.

## SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

### RETAIL (HOME)

HTON-UNDER-LYNE CO-OPERATIVE SOCIETY, LTD. Manager, male or female, fully qualified preferred. Comfortable, easy wages. No Sunday or holiday duty. Permanent position.

ASSISTANT, qualified, mainly for dispensing. No holiday duties. Congenial employment. Apply by letter, stating usual particulars and salary required, to Reid (Chemists), Ltd., 12 Station Parade, Holey Road, Southgate, N.14.

ASSISTANTS required at once. One qualified and one unqualified for seaside and family business. In-East coast. Apply with full particulars. 45, C. & D. Office.

ANCH Manager, qualified and experienced, required for busy Pharmacy at an early date. wages and commission basis offered. No day or half-day duty. Pleasant surroundings. Apply with full particulars and salary required. Chemist, 10 Manor Court Road, Nuneaton, Warwickshire.

ANCH Manager required immediately by Dewsbury Pioneers' Industrial Society, Ltd. Apply by letter giving full particulars to Superintendent Chemist, 41 Northgate, Dewsbury.

PENSER wanted, either sex, for busy middle-class N.H.I. and private; state salary required. Good congenial post, permanency. Land, Kingsland Rd., London, E.8; Clissold 9500.

ETBOURNE. Wanted, Lady Assistant, qualified or unqualified. Temporary or permanent. 8.30 to 6 p.m. For good-class business, dispensing and counter. Apply with full particulars salary, etc., to Mills, Chemist, Church Street, Bourne.

ISLE OF MAN. Qualified Chemist wanted.

Apply Halton's, 6 Market Hill, Douglas, I.O.M.

KENT. Capable and experienced Branch Manager required for busy Pharmacy. Permanency. Reasonable hours. Stonham & Son, Ltd., 70 Bank Street, Maidstone.

LADY Assistant, qualified, required immediately for dispensing and high-class counter trade. State age, experience, references and salary required. Sharp & Waterhouse, Ltd., 4 Victoria Road, Deal, Kent.

LADY Dispenser required for country practice near Sussex Coast. Write giving full particulars. 960/833, C. & D. Office.

LADY Unqualified Assistant for good-class business in Palmers Green, North London. Knowledge of both drugs and toilets. Apply with particulars of experience and salary to Mr. A. A. Lawrence, 33 Lawrence Lane, London, E.C.2.

LADY Unqualified Assistant for Chemist's counter. North-West London. Apply Lewis & Burrows, Ltd., 146 Holborn, E.C.1.

LONDON CO-OPERATIVE CHEMISTS, LTD., now have one or two vacancies for Branch Manager Pharmacists with the offer of living accommodation. The organisation offers considerable scope for men with initiative. Apply in first instance direct to Superintendent Chemist, 54 Maryland Street, Stratford, London, E.15.

LONDON, W.9. Pharmacist required (Lady or Gentleman) for dispensing and counter in quick middle-class business. No Sunday or half-day duty. Unfurnished flatlet available if required. Permanency. Please state particulars and salary. 960/832, C. & D. Office.

MANCHESTER. Qualified Manager required for middle-class business, N.H.I., knowledge in optics an advantage but not essential. Apply with usual particulars and salary required to Colmans Ltd., 416 Stockport Road, Manchester, 13.

**MANAGERESS** wanted for West End-branch in M. Sheffield. Qualified lady. Family trade, good conditions. State salary required. J. Preston, Ltd., 208 West Street, Sheffield, 1.

**M.P.S.** required for managerial position in high-class South Coast pharmacy. Excellent position and prospects for right man. Details of experience and commencing salary required to Cleaves, Ltd., 60 High Street, Bognor Regis, Sussex.

**ORRIDGE & Co.,** Employment Agency, Columbia House, Aldwych, W.C.2, invite inquiries from all employers seeking Qualified Staff, especially for London and Southern Counties, excluding women between the ages of 18 and 41. Terms on application.

**PORTSEA ISLAND MUTUAL CO-OPERATIVE SOCIETY, LTD.,** requires qualified Pharmacy Branch Managers, permanencies, excellent prospects. Superannuation Fund in operation. Applications stating age, qualifications, experience and what domestic accommodation is required, to reach the General Manager, 110 Fratton Road, Portsmouth, not later than 3rd April.

**QUALIFIED** Chemist required to take charge branch shop, permanent position. Applications in writing to General Manager, Middlesbrough Co-operative Society Ltd., Emporium, Linthorpe Road, Middlesbrough.

**QUALIFIED** Lady or Gentleman required as Manager for branch shop in S.W. London area. No half holiday or Sunday duties. Good salary and prospects. Permanency for right person. Apply 960/823, C. & D. Office.

**QUALIFIED** Manager urgently required or active initiative on profit sharing terms in old-established business in London. East area. 960/820, C. & D. Office.

**QUALIFIED** Superintendent required for busy shop. Hours 9 a.m. to 7 p.m., half-day and no Sunday duty. State salary and when free. 958/757, C. & D. Office.

**QUALIFIED** Pharmacist as Branch Manager. Permanency. No Sunday or half holiday duties. Apply by letter, giving full particulars to Superintendent Chemist, Dewsbury Pioneers' Ind. Soc., Ltd., 41 Northgate, Dewsbury, Yorks.

**UNQUALIFIED** Assistant required. Male or Female. Preferably with knowledge of dispensing. Reciprocal consideration given conscientious worker. Also Locum from July 1-6. E. W. Ruse, 46 Trinity Road, S.W.17. Bat. 2806.

**UNQUALIFIED** Lady Assistant required for Catford district. No dispensing. Hours 9 till 6. Please reply giving usual particulars to L. Gold, 94 Murillo Road, S.E.13.

**UNQUALIFIED** Lady or Gent. to manage Drug Store, London. E. 962/877, C. & D. Office.

**UNQUALIFIED** Lady Assistant required, full or part time. Harrow district. State age, experience and salary required. 960/827, C. & D. Office.

**URGENTLY** wanted. Experienced Qualified Assistant. Permanency in good-class West Country business. Send full particulars including salary required and soonest date free. 961/848, C. & D. Office.

**WANTED,** Lady Dispenser (Hall) for firm of South London practitioners. Apply stating age and experience to 42 Streatham Hill, S.W.2.

### LOCUMS WANTED

**LOCUM,** Qualified, required immediately. Possible permanency in good-class West Country business. 961/849, C. & D. Office.

**QUALIFIED** Locum required for June and July. Send terms by letter to Superintendent Chemist, Dewsbury Pioneers' Industrial Society, Ltd., 41 Northgate, Dewsbury.

### RETAIL (OVERSEAS)

**Ceylon.** Unqualified Chemist who has served his apprenticeship and has had several years general retail experience required for large departmental store. 25/30 years of age. Single. For years engagement. Passage paid out and home. 3 months' holiday on half pay if engagement renewed. Free living quarters. Low Income Tax, Provident Fund and other benefits including cost of living allowance of, at present, £90 per annum. Write with full particulars to Box F.379, Willings, 133 Moorgate London, E.C.2.

### WHOLESALE

**AGENTS** interested in additional lines for chemists household, fancy goods and general stores on commission basis in all parts of England, Scotland and Wales, should apply for details to 962/820, C. & D. Office.

**A PROMINENT** firm manufacturing medicinal products has a vacancy for a representative Northern England. Applicants must be registered pharmacists, not over 35, and preferably with experience in contacting medical practitioners. Apply 959/775, C. & D. Office.

**APPLICATIONS** are invited for the post of General Manager with a well-known firm of Manufacturing Chemists. Pharmaceutical qualification with administrative and organising ability, together with a knowledge of marketing drugs, galenicals and medical specialities in both the Home and Export markets essential. The post offers very considerable scope to an energetic young man with the necessary qualifications and experience. Write giving details, which will be regarded as confidential, 960/831, C. & D. Office.

**CHEMIST** wanted by Cosmetic Manufacturer. Applicant must be between 27 and 40 and have actual experience of creation and manufacture of high class cosmetics. Splendid opportunities for advancement. Give full details of experience, qualifications and salary required. Our staff has been advised of this appointment. 961/858, C. & D. Office.

**FOREWOMAN** required for packaging finishing department of West London marketing medicinal and toilet preparations of national repute. Must be tactful and accustomed to handling female labour. Write, giving age, particulars of experience and wages required 962/871, C. & D. Office.

**FREE** accommodation and good wages for experienced Tablet Coater to be employed manufacturing chemists in West of London. Applications, together with references and wages claimed, to Box 35, Smiths', 100 Fleet Street, E.C.4.

**FREE-LANCE** Agents, calling on Chemists, required in many areas. Full particulars of areas, lines, experience, etc., to 959/780, C. & D. Office.

**GRANULATOR** required for Tablet Department. Manufacturing Chemists 17 miles North of London. Apply stating age and previous experience 961/842, C. & D. Office.

**INTERNATIONAL** Manufacturing Chemist required for Manager for administration of work laboratories. Age 35-45. Essentials: Organizational ability, drive, previous executive experience. Preference for one with practical experience in fine chemical manufacture and the finishing of pharmaceutical specialities in ampouled, tableted and packed form. Full details, in confidence, stating salary, 962/880, C. & D. Office.

**JUNIOR** Clerk (Male) in Buying Department of Chemical Manufacturers in East London. Give age, experience and salary required to 960/820, C. & D. Office.



**LABORATORY Assistant**, age about 25, wanted by Midland Company of Manufacturing Chemists. Preferably with experience in the manufacture of Cosmetics. Good prospects for promotion. Give fullest details of experience, qualifications, etc., 962/879, C. & D. Office.

**LONDON Firm** requires the services of an Export Manager with experience in heavy, fine and pharmaceutical chemicals, essences, minerals and allied commodities. Applicants must have established connexions with suppliers in U.K. and exporters abroad. Apply, with full details, salary required and references, to 961/857, C. & D. Office.

**MANUFACTURERS** of pharmaceutical specialities require sole agents for the following areas: (1) Eastern Counties; (2) Bucks, Beds, Herts, Essex, Northants; (3) Midland; South and Mid Wales. Applications will only be considered from men of sound experience, ability and enthusiasm having established connexions amongst retail and wholesale chemists, druggists, and stores. Commission terms to commence, remuneration on the basis of salary, expenses and commission will be considered after trial period. Substantial incomes and splendid prospects to the selected men. Write in confidence, giving full particulars, including age, experience, present lines required. 961/865, C. & D. Office.

**PRODUCTION Chemist** required by small London manufacturers of high-grade cosmetics. Interesting position with ample scope. Kensington district. Please apply 960/824, C. & D. Office.

**QUALIFIED Assistant** for Wholesale House in Edinburgh, one with experience of handling various drugs and fine chemicals. Particulars to 967/874, C. & D. Office.

**QUALIFIED Pharmacist** required to call upon hospitals and the medical profession. Highest salaries and experience required. Please state qualifications, experience and salary required, in confidence. 959/784, C. & D. Office.

**QUALIFIED Manager**, chiefly for wholesale department. Apply Shadforth Prescription Service, Ltd., Mitre Works, Cordova Road, Bow, London, E.3.

**REPRESENTATIVES** required for well-known cosmetic and pharmaceutical products, all nationally advertised. Exceptional energy and enthusiasm required which will be remunerated accordingly. Salary, expenses and commission. Positions vacant: (a) Scotland, (b) Cheshire, (c) N. Wales, etc., (c) S.W. Counties and S. Wales. Write fully. 959/795, C. & D. Office.

**REPRESENTATIVE** required immediately for wholesale sundries distributing house. Must have own open connexion with retail chemists throughout Leicestershire, Nottinghamshire, Northamptonshire, Derbyshire, Potteries. Wage, salary, commission. Must drive car. State age, experience, references. Victor Spencer, Ltd., 28/30 Bristol Street, Birmingham, 5.

**REPRESENTATIVE** required. Experienced, or knowledge of retail an advantage. By well-known N.W. manufacturing chemists. Full particulars in first letter to 960/829, C. & D. Office.

**REPRESENTATIVE** required for the Chemist Sundries Trade. Car owner preferred. Residing in Surrey or Hants District. Full particulars, salary and experience if any, in confidence. 962/876, C. & D. Office.

**REQUIRED** by London Exporters; Chemical Buyer with complete knowledge Chemicals and pharmaceuticals. Some experience of export markets outside essential, and knowledge of Spanish an advantage. Write in confidence, giving full details of experience and salary required, to Box A/140, St. Eastcheap, London, E.C.3.

**TILAND.** Leading house requires representative for the sale of Nat. Advert. Lines. Quota non-quota goods. Commission or salary 960/830, C. & D. Office.

**SALES Representatives** required for firm of nationally known beauty products—first-class selling experience essential, but knowledge of cosmetic business not absolutely necessary. Write in first place, giving details of past career and enclosing photograph, returnable. 961/867, C. & D. Office.

**TABLET Coater** required by Midland Manufacturing Chemist. Write stating age and experience to 632/749, C. & D. Office.

**TABLET Maker** with experience of single punch and rotary machines required by Manufacturing Chemists 17 miles North of London. Apply stating age and previous experience. 961/841, C. & D. Office.

**UNQUALIFIED Laboratory Assistants** required by firm manufacturing medicinal proprietaries in the West London area. The vacancies are in the Analytical Laboratory. Previous experience in this branch is not essential but good general analytical technique is required. Applicants should be exempt from National Service. Salary £7 per week minimum. 962/870, C. & D. Office.

**VACANCY** for energetic young man, preferably qualified, to help in Sales and development of Packed Lines. Must be active and able to control small staff. State age, experience and salary required. Fairbank Kirby (Grimsby), Ltd., Ropery Street, Grimsby.

**WANTED** immediately, to take charge of a Tableting Department of a Confectionery business. Applicant must be capable of keeping tableting machines in running order and have sufficient pharmaceutical knowledge to work to recipes regarding mixings. An excellent opportunity is offered to a young man with ideas. Apply with full particulars to 961/837, C. & D. Office.

**WELL-INTRODUCED Agents** required to sell Medicated Choc-o-malt, gelatine, essences, etc. in London, Home Counties, West and North of England. High commission. Only first-class experienced men need apply, stating territory covered and references. 961/855, C. & D. Office.

### WHOLESALE (OVERSEAS)

**A COMPETENT Tablet Maker** with experience in sugar and pearl coating is required for South Africa by a progressive and well-established firm of Manufacturing Chemists. Special consideration given to suitable applicants from Forces interested in settling in South Africa. Good remuneration, including cost of living allowance, according to applicant's training and ability. Increments according to merit. Write giving full particulars to 961/843, C. & D. Office.

### SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

#### RETAIL (HOME)

**DISPENSER**, ex-W.A.A.F., requires position in hospital. Five years in charge R.A.F. hospital dispensaries. London preferred. 961/838, C. & D. Office.

#### LOCUMS SEEKING ENGAGEMENT

**LOCUM**, qualified, available for short time from end of May. North-west district preferred. 962/878, C. & D. Office.

#### WHOLESALE

**ADVERTISER** seeks position. Experienced in the manufacture of cosmetics and toilet preparations. Accustomed to control of labour and production, knowledge of filling machines. 960/806, C. & D. Office.



**ADVERTISING.** Responsible situation required with manufacturer. Wide creative experience including Medical Press, Veterinary Press, Pharmaceutical Press, direct mail, printed display, packaging, etc. At present in similar position with leading manufacturing chemists. Provinces not objected to. 957/723, C. & D. Office.

**CHEMIST, B.Sc.,** eleven years' experience in manufacture and analysis of fine and pharmaceutical chemicals and alkaloidal assays of vegetable drugs. 960/819, C. & D. Office.

**EXPERIENCED Traveller** desires change; covering South Wales, West of England, amongst W/R Chemist drug stores, departmental stores, Co-ops., etc. Well-known house, or will consider a few agencies. Own car. 959/793, C. & D. Office.

**EXPERIENCED Traveller** desires position with reputable House. 961/850, C. & D. Office.

**EXPERIENCED Representative,** London connexion chemists and stores, wishes to contact manufacturer marketing high grade products. 961/859, C. & D. Office.

**F.C.S., I.S.M.A.,** seeks sales executive appointment. Sound experience training and control of sales representatives calling public health depts., hospitals wholesale, medical and dental professions. Desires more scope than present appointment. 959/790, C. & D. Office.

**PHARMACIST** experienced in machine filling of Chemicals, Liquids, Creams, Ampoules, etc., and specialising in devices for speed and accuracy. Discharged. 962/873, C. & D. Office.

**PURCHASING and Forwarding Representative** Residing London, prepared undertake duties U.K. for firm abroad. Wide range of goods. Reliable, experienced, own car. Reply by Air Mail. 953/596, C. & D. Office.

**REPRESENTATIVE** seeks House of repute, Cosmetics, Sundries or Patents. Excellent connexion Chemists, Stores, etc., N.E. Coast to Linco Coast. Full details of salary, commission and expenses, prior to interview. Commission lines only not entertained. 961/852, C. & D. Office.

**REPRESENTATIVE** requires high-grade lines suitable for first-class connexion retail and wholesale chemists, stores and co-operative societies, Northumberland and Durham. Salary and commission. 961/864, C. & D. Office.

**REPRESENTATIVE, 36,** well introduced with 12 years' sound connexion chemists stores, London, Essex, Kent, seeks post with firm of repute. 961/866, C. & D. Office.

**WOMAN Sales Executive, 15 years' experience** cosmetics, home/export, thorough knowledge marketing, can direct outside representation, salon experience, seeks interesting progressive post. 961/860, C. & D. Office.

**YOUNG MAN (33),** keen enthusiastic worker with strong connexion in Lanes, Chemists, Co-ops., Stores, desires position as representative with reputable firm. C/F preferred but not essential. Car driver. Ex R.A.F. 961/851, C. & D. Office.

## PARTNERSHIPS

**ACTIVE partnership** required by Qualified Chemist in wholesale or manufacturing in or near London. Capital £2,000 to £3,000 available. 962/875, C. & D. Office.

## TRADE MARKS

**THE Trade Mark Sunax No. 543792** registered in respect of medicated confectionery was assigned on the 9th February, 1946, by Sunswets, Ltd., of 66 Westgate, Peterborough, to Charles Stanley Richer, trading as National Agencies, of Duke Street House, 415 Oxford Street, London, W.C., without the goodwill of the business in which it was then in use.

## APPOINTMENTS

**ASSISTANT PHARMACIST** (Temporary) required, male or female. Must have had recent hospital experience, with M.P.S. or higher qualification. Salary according to the B.H.A. scale, F.S.S.N.H.O.(C.) in force.

Applications, with copies of three testimonials, should be made to the Secretary-Superintendent, Royal Gwent Hospital, Newport, Mon., from whom full particulars can be obtained.

## CROWN AGENTS FOR THE COLONIES

### COLONIAL GOVERNMENT APPOINTMENTS.

Applications from qualified candidates are invited for the following post:

**STOREKEEPER & INSPECTING PHARMACIST** required by the Government of Sierra Leone for the Medical Department for one tour of 12 to 24 months in the first instance. Salary £400 a year rising to £720. Commencing salary according to qualifications and experience. On salary of £400 local allowance is £48 a year and separation allowance for married men between £84 and £204, according to number of children. Outfit allowance £60. Free passages and quarters. Candidates, not over 40, must be Members of the Pharmaceutical Society and have had experience in medical storekeeping and stores administration. Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience to the Crown Agents for the Colonies, 4 Millbank London, S.W.1, quoting M/N/15053.

## MANCHESTER ROYAL INFIRMARY

Applications are invited for the post of **ASSISTANT PHARMACIST**. Salary at B.H.A. scale, according to experience.

Applications, with full details of experience and testimonials, to be sent to the Chief Pharmacist.

## RUNWELL HOSPITAL

NR. WICKFORD, ESSEX (1,010 Beds).

**ASSISTANT PHARMACIST** required at the above mental hospital. Salary £275 per annum plus emoluments consisting of lunch and tea valued for superannuation purposes at £25 per annum, plus war bonus, at present £50 16s. for males and £48 2s. for females. The appointment is subject to the provisions of the Asylum Officers' Superannuation Act, 1909, and to the Committee's Sick Pay regulations. Application stating age, experience and qualifications, with copies of three recent testimonials, to the Physician Superintendent by April 10th.

## SURREY COUNTY COUNCIL

KINGSTON COUNTY HOSPITAL.

Wolverton Avenue, Kingston-on-Thames. (Permanent Appointment).

ST. LUKE'S HOSPITAL, Guildford.

Assistant Pharmacist. Temporary. Must be M.P.S. or Ph.C. Salary £250 x £10-£30 Apply to Medical Superintendent.

## OPTICAL TUITION

FOR THE

S.M.C., B.O.A. & N.A.O. DIPLOMA Examination Particulars:

**C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O. F.I.O., F.C.O., M.P.S.**  
50 HIGH STREET, BARNET, LONDON, N.

## WANTED

7/6 for 36 words or less, 2d. for every additional word.

**A**UTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloay, N.19.

**A**NY quantity, large or small, 2 dram Trident or Tall Vials; also ½ ounce. T. Buxton & Co., 7 Queens Road, Bristol.

**C**OMBS made from plastic required by reputable wholesale house. Quotations invited by manufacturers only. 961/834, C. & D. Office.

**F**AIR Nets, Crepe Hair, Hair Pins, required in regular quantities by reputable wholesale house. Quotations for immediate delivery invited by manufacturers only. 961/836, C. & D. Office.

**I**NFORMATION with full data required for the manufacture of Fly Papers, cash reimbursement, reply in confidence to 960/817, C. & D. Office.

**M**ANUFACTURERS urgently require Pine Oil Sylvestris or Siberian. Please quote for small large quantities to 957/726, C. & D. Office.

**M**ICROSCOPES We do not pay high prices for old junk, but for fine modern apparatus our prices are the best in the trade. If you want a dependable overhauled microscope, consult us. One lifetime in ten years, and that speedily rectified—it is our record. Wallace Heaton, Ltd. (Mayfair 1, ask for Mr. Cole), 127 New Bond Street, London, W.1.

**E**PSIN Powder. Any quantity 4 ozs. upwards wanted. Offers to 957/708, C. & D. Office.

**O**WDER Puffs required by reputable wholesale house. Quotations invited by manufacturers only. 961/835, C. & D. Office.

**J**UN GLASSES. Required, large and small quantities by national organisation covering home export markets. Full particulars to 961/861, C. & D. Office.

**U**RGENTLY WANTED. Up to 500 gross 2-dram vials or bottles with or without corks. Immediate cash payment. Campbell, 2 Shepherd Street, Mayfair, W.1.

**W**ANTED, any quantity of small size Bottles. Size 1-3 drms. Top Price offered. S. L. Lister, 36-40 New Brown Street, Manchester, 4.

**W**ANTED in 10/20 ton lots, Spent Drugs, finely ground: viz., Mustard, Ginger, Aniseed, Cander, Dill, Thyme, Sweet Herbs, Cloves. 961/836, C. & D. Office.

**W**ANTED. Microscope 2/3rds, 1/6th, 1/12th objectives, mechanical stage. Only instrument in good condition wanted. Moore's (Sheffield) 8/10 Granville Street, Sheffield 2.

**W**ANTED. Mixing Machine suitable for face powder, etc. Orfina, Ltd., Cumberlow Avenue, South Norwood, S.E.25.

**W**ANTED. 1, 1- and 2-oz. white flint screw neck bottles, with or without caps. Highest prices small or large quantities. Send particulars. 961/844, C. & D. Office.

**W**HOLESALE (only) concern requires supplies of Perm Machines, Dryers, Heaters, Hairdressers' series of all kinds. Bank and trade references. Sales organisation extensive (22 representatives). Write in confidence 957/731, C. & D. Office.

**Z** and 1 oz. bottles required. Any quantity and type. Full details to 961/862, C. & D. Office.

**P**ATULA 12 in., 1 ditto 8 in., 1 Enamel Jug, 1 1/2 ozs. graduated, 1 6-gal. boiling pan, 1 3-gal. boiling pan, either new or in good condition Chiffre. 961/860, C. & D. Office.

**C** Plain Medicals, 8-oz. ribbed Ovals, 2-2 1/2-oz. Ovals; divisioned cartons to hold any of these and prices to S. Tatlow & Co., Ltd., Eeking, Sheffield.

**O**Z and 13-oz. Wine or Champagne Bottles required. 625/524, C. & D. Office.

## TENDERS

## COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIRE

## SUPPLY OF STORES, FURNITURE, ETC.

Applications are invited from persons and firms (particularly manufacturers) for permission to be placed on the list of persons and firms from whom the County Supplies Committee may from time to time invite quotations for various kinds of stores, such as Printing Bookbinding, Motor Cartage, First-Aid Appliances, etc., Engineers' tools and Stores, Ironmongery, Metals, Hardware, Furniture (school and office), Soap, Paper (various kinds), Manufactured Stationery, Office Sundries, Textiles, Clothing, Haberdashery, Timber (soft and hard), Boot Leather and Leather Goods, Brushes for cleaning, Chemicals, Drugs, Provisions.

Applications must be made on the official forms, copies of which (together with standard conditions of supply) may be obtained from the Manager, County Supplies Department, Cliff Lane, Wakefield, Yorks.

Firms who have already applied and have received acknowledgment of the form need not make fresh application.

BERNARD KENYON,

Clerk of the County Council.

County Hall, Wakefield.

## BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 2d. for every additional word.

**P**ROGRESSIVE firm of tablet manufacturers (output of over 4 million tablets per week) wish to associate with a firm having good packing and marketing facilities to market our new products on a mutual basis. 961/854, C. & D. Office.

**S**ALES Executive, with long experience of selling to Chemists, wishes to contact manufacturers with a view to taking complete output of an item suitable as a proprietary. Advertiser insists on exclusive arrangement and, in return, will guarantee a minimum turnover and take complete responsibility for advertising, sales, distribution and accounts. 961/853, C. & D. Office.

**T**ECHNICAL and Medical Copy Writing and Literature. Freelance team of three, consisting of two technical copy writers and one scientist (B.Sc. and medical qualifications) undertake technical and medical copy writing, also instructions leaflets, literature, etc. 960/825, C. & D. Office.

## EXPORT TRADE

**C**ONTACT with well-established Exporter of quality Sponges and Wash leathers required. Please write H. A. J. Kaemingk, Aalten, Holland.

**D**ENMARK. Soundly established Agent, representative for well-known British fine chemical manufacturers (24 years' connexion), seeks non-competitive agencies for fine and heavy chemicals, drugs and solvents. First-class trade and Banker's references exchanged. N. H. Anderson, 33 Fredericadgade, Copenhagen, K.

**O**LD-ESTABLISHED British Merchants in Lisbon, authorised to import medicines into Portugal, open to receive offers for agencies of medicines in that area. Best references. 954/598, C. & D. Office.

**P**HARMACEUTICAL firms which are not yet represented in Iraq are invited to communicate with Faiha Drug Co., Ltd., Khan Haj Daud Sefafir Street, Baghdad, Iraq. Remarkable turnover guaranteed. Very excellent bank and business references on demand.

**R**EGISTERED Manufacturers of perfumery, toilet, etc., home and export for wholesale. Shah Bros., Ltd., 8 White Church Lane, E.1.



## AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

**A** FIRM of selling agents covering retail and wholesale chemists, hairdressers, co-ops., dept. stores, with a large staff of experienced salesmen, all covered with fidelity bonds, require agencies for the following: (1) a range of inexpensive cosmetics; (2) a range of hairdressers' sundries (nail files, combs, etc.); (3) surgical dressings; (4) brushes. All other agencies useless. Only firms paying good commissions, with large quotas and full delivery considered. 959/779, C. & D. Office.

**A** DDITIONAL lines for summer chemists' trade required in North of England. 959/781, C. & D. Office.

**A** GENTS calling on chemists and hairdressers interested to sell hair-dyes, soap-bases, emulsions, oils, perfume essences, etc. for all counties and Eire, are invited to communicate with manufacturing firm. 961/863, C. & D. Office.

**B** UYER desires appointment. Fifteen years' experience as sole buyer to large manufacturing company. Experience covers textiles, rubber, chemicals, pharmaceuticals, packaging of all kinds and factory supplies. Excellent references. Apply—Herbert Clough, 15 Lister Street, Ilkley, Yorks.

**C** OMMISSION Salesmen. Concentric Indicator Laboratories of 36 Bourdon Street, Mayfair, London, W.1, require your assistance in arranging distribution of splendid new photographic instrument; preparatory to general advertising campaign upon resumption of normal film supplies. Gentlemen who have unimpeachable references and who are able to open new accounts for us will be offered unusually generous terms and permanent Territories. Letters only, in first instance, stating types of goods at present handled and Territory covered, to Sales Manager, above.

**T** WO Agents of the highest integrity, covering the wholesale and retail drug trade in Scotland for over 20 years, will consider agencies. Only reputable firms considered. All correspondence strictly confidential. 960/826, C. & D. Office.

## BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

**G** OOD middle- and working-class Chemists business 10 miles from Leeds. Single-fronted lock-up shop in main thoroughfare. Rexall and Kodak. Rent £70, rates £50. Small N.H.I. Last year's return £1,665. Lease available. No optics. Price £500 net. 961/847, C. & D. Office.

## LEGAL NOTICE

**M** R. JOHN PETER LANDAU, F.C.R.A., F.C.I.S., desires to announce that the Partnership heretofore subsisting between himself, Mr. Albert James Faver, F.L.A.A., A.C.I.S., and Mr. John Leslie Jeffrey, F.C.A., F.T.I.L., under the style of Jeffrey, Landau, Maynard & Son has been dissolved so far as concerns the said John Leslie Jeffrey as from the 30th November, 1945. Mr. John Peter Landau and Mr. Albert James Faver have taken into partnership Mr. Sydney Arthur George Rust, B.Com.A.L.A.A., as from the 1st January, 1946, and the practice will henceforth be carried on under the style of Landau, Morley & Scott, at High Holborn House, 52/54 High Holborn, W.C.1, the telephone number now being Chancery 5301 (four lines).

## MISCELLANEOUS SALES

12/6 for 60 words or less 1/- each additional 10 words or less

**F** OR SALE. Three 6 ft. x 29 in. mahogany slop lift-up glass top counter cases. Perfect condition. Seen at Nageles, 8/12 Broadwick Street, Wardour Street, W.1.

**F** OR SALE. Ex. Glyc. Liq. approximately 90 winchesters, Liq. Iodi Mit. approximately 200 winchesters; market prices accepted. Wm Moore's (Sheffield) Ltd., 8/10 Granville Street, Sheffield 2.

**F** OR SALE. Wilkinson Super Speedy Ointment Mill, new and unused. Belt drive. Particulars, G. W. Harrison, Ltd., Reading.

**P** LANT apparatus for sale. 40-gallon Cast Iron Steam Jacketed Mixer, Anchor Agitator, Glass Enamel Lined, Tested working pressure 30 Jacket complete. Brand new. Guaranteed never been used. Write 961/856, C. & D. Office.

**P** LASTIC SHEETS, brown or black, 43 in. x 24 in. Ideal dispensaries or counters. Heat and proof. 31/- each. Min. quantity 2 sheets. Barlow 82a Standon Park, S.E.23.

**S** ACCHARINE Envelopes. Limited stocks available; minimum supply 6,000 lots at a thousand. Lewis East, Ltd., Envelope Makers, Leicester.

**S** ULPHUR Tablets. Surplus stock to clear. 5 gross 50's packed for retail sale. N.T. cash. Plus Tax £4. First order secures. 961/339, C. & D. Office.

**T** URES. Pure tin. 12-gross  $3\frac{1}{2} \times \frac{1}{2}$ , 21-gross  $4 \times \frac{1}{2}$ . Lead, 30-gross  $2\frac{1}{2} \times \frac{1}{2}$ , 142-gross  $3 \times \frac{1}{2}$ . 962/872, C. & D. Office.

**30** GROSS 6-oz. Pink Enamel round Talc Powder tins. Barrington, Hannan & Co., 37 Lewisham Road, Lewisham, S.E.13.

**100** -Gross Maple Wood lipstick containers specially made for perfumery house. Further details on application. 961/840, C. & D. Office.

## BUSINESSES WANTED

7/6 for 40 words or less, 2d for every additional word

**A** DVERTISER wishes to purchase firm of confectionery manufacturers with quota minimum £10,000 London area. All replies treated strictly confidential. Write 960/828, C. & D. Office.

**E** STABLISHED Chemist Business required now in near future in Mansfield or surrounding district—with or without living accommodation. Neglected business with scope for increase would be considered—capital immediately available. Reply treated with strict confidence. 956/631, C. & D. Office.

**H** IGH-CLASS Pharmacy on coast or residence in resort required. Turnover not less than £10,000. Immediate capital available. Particulars to 960/830, C. & D. Office.

**H** ILLIER, PARKER, MAY & ROWEN Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and aggressive single-shop Businesses occupying prime trading positions in London and Provinces. Group Concern would be seriously considered. Owners contemplating sale or their solicitor invited to write for further information to B. Parker, May & Rowden, 77 Grosvenor Street, W.1.

## EDUCATIONAL

### OPTICAL TUITION

For the Diploma Examinations. Particulars The Dublin College of Optics, 10 Long Abbey Street, Dublin.



**BRITISH ALKALOIDS  
AND FINE CHEMICALS**

*Whiffen*

**BROMIDES & IODIDES**

|                         |           |                |
|-------------------------|-----------|----------------|
| ATROPINE                | CAMPHOR   | CAFFEINE       |
| EMETINE                 | QUININE   | SALICIN        |
| STRYCHNINE              | NICOTINE  | NICOTINIC ACID |
| MERCURIALS              | VERMILION | PRUNELLA       |
| ESSENTIAL OILS          | CLOVE OIL |                |
| SANDALWOOD OIL          |           |                |
| EXTRACT OF IPECAC. LIQ. |           |                |
| DRUG GRINDING           |           |                |

**THEOPHYLLINE**

*World conditions may determine availability  
of supplies*

**WHIFFEN & SONS, LTD.**

INCORPORATING GEORGE ATKINSON & COMPANY.

ESTABLISHED 1654

**FULHAM, LONDON, S.W.6**

'Phone: Renown 3416

'Grams: Whiffen, London

# Just issued!

